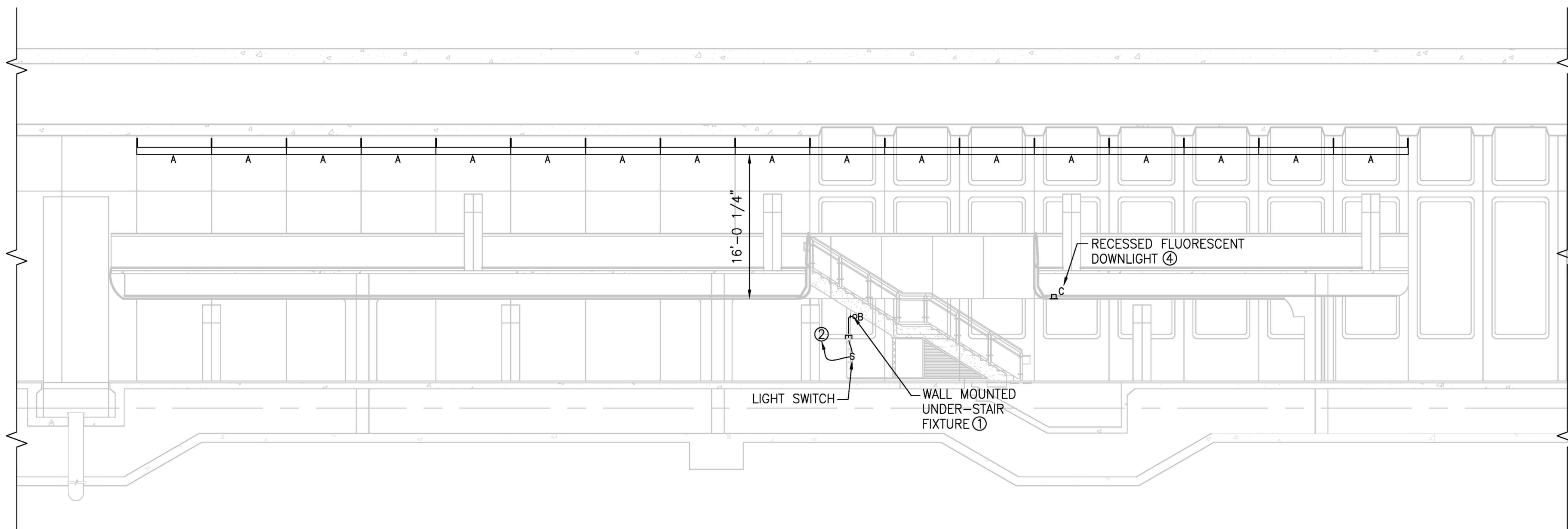
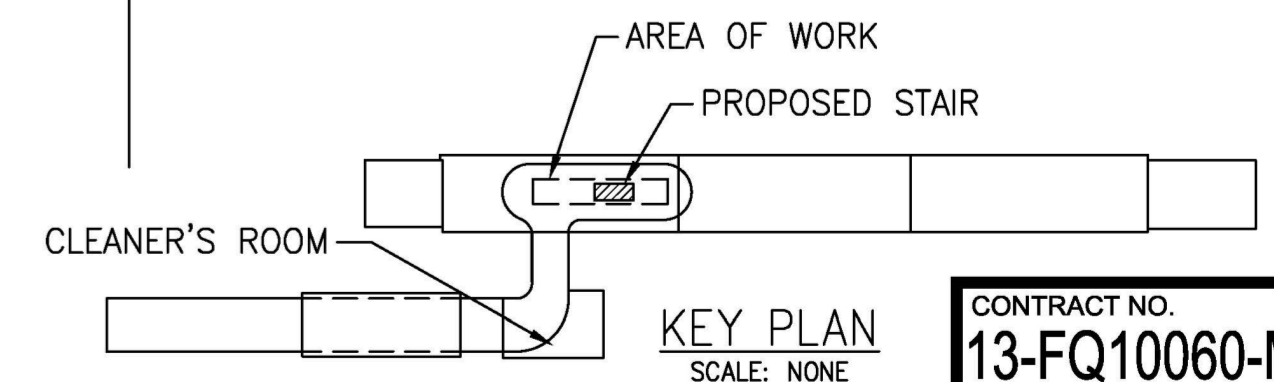


PLATFORM PLAN
SCALE: 1/8"=1'-0"



SECTION 1
SCALE: 1/8"=1'-0"

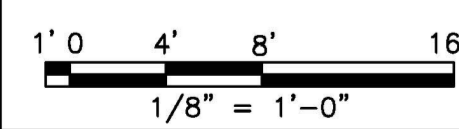


NOTES:

- ① UNDER-STAIR FIXTURE: CORNER BRACKET LUMINAIRE FOR UNDER-STAIR AREA LIGHTING. (1) 2' TB LAMP.
- ② UNDER-STAIR FIXTURE - PROVIDE POWER FROM NEAREST EXISTING DOWNLIGHT FIXTURE. EXISTING FIXTURE SUPPLIED FROM PANEL "HM". REFER TO PANEL "HM" SCHEDULE, DRAWING E-600. PROVIDE WALL SWITCH INSIDE UNDER-STAIR AREA. 2#12 AWG + #12 GND IN 3/4" RGS CONDUIT.
- ③ CONTRACTOR SHALL PROVIDE GROUNDING FOR STAIRS AS FOLLOWS. CONTRACTOR SHALL LOCATE EXISTING GROUND GRID. CONTRACTOR SHALL CONNECT STAIR REBAR (MINIMUM 2 POINTS) AND METAL RAILING SYSTEM (BOTH SIDES) TO EXISTING GROUND GRID VIA #6 AWG BARE, COPPER STRANDED GROUND CONDUCTORS.
- ④ DOWNLIGHT - PROVIDE POWER FROM ADJACENT EXISTING FIXTURE. EXISTING FIXTURE SUPPLIED FROM PANEL "PEH". 2#12 + #12 GND IN 3/4" RGS CONDUIT. CENTER IN CEILING TILE TO EXTENT POSSIBLE.

GENERAL NOTES:

- 1. CONTRACTOR SHALL VERIFY IF EXISTING CIRCUITS CAN ACCOMMODATE NEW LOADS BEFORE MAKING CONNECTION.
- 2. SUBMIT ALL PROPOSED CONDUIT ROUTING FOR APPROVAL PRIOR TO COMMENCING WORK.



DESIGNED	J. KNIGHT	11/12
		DATE
DRAWN	C. RICHARDSON	11/12
		DATE
CHECKED	M. GIURGIU	11/12
		DATE
APPROVED	M. GIURGIU	11/12
		DATE

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

SUBMITTED _____
PROJECT MANAGER



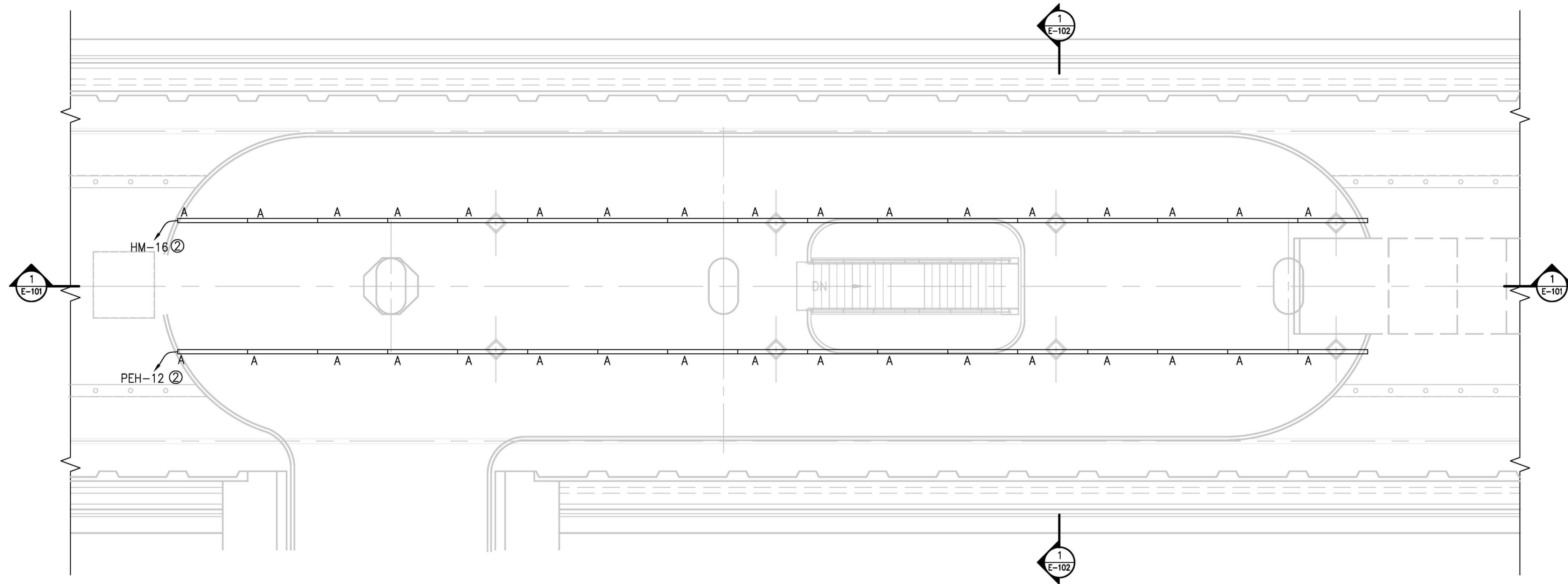
DESIGN OF NEW STAIR FOR BETHESDA STATION
ELECTRICAL
STAIR LIGHTING-PLATFORM

SCALE AS SHOWN

DRAWING NO. E-101

SHEET NO. -021

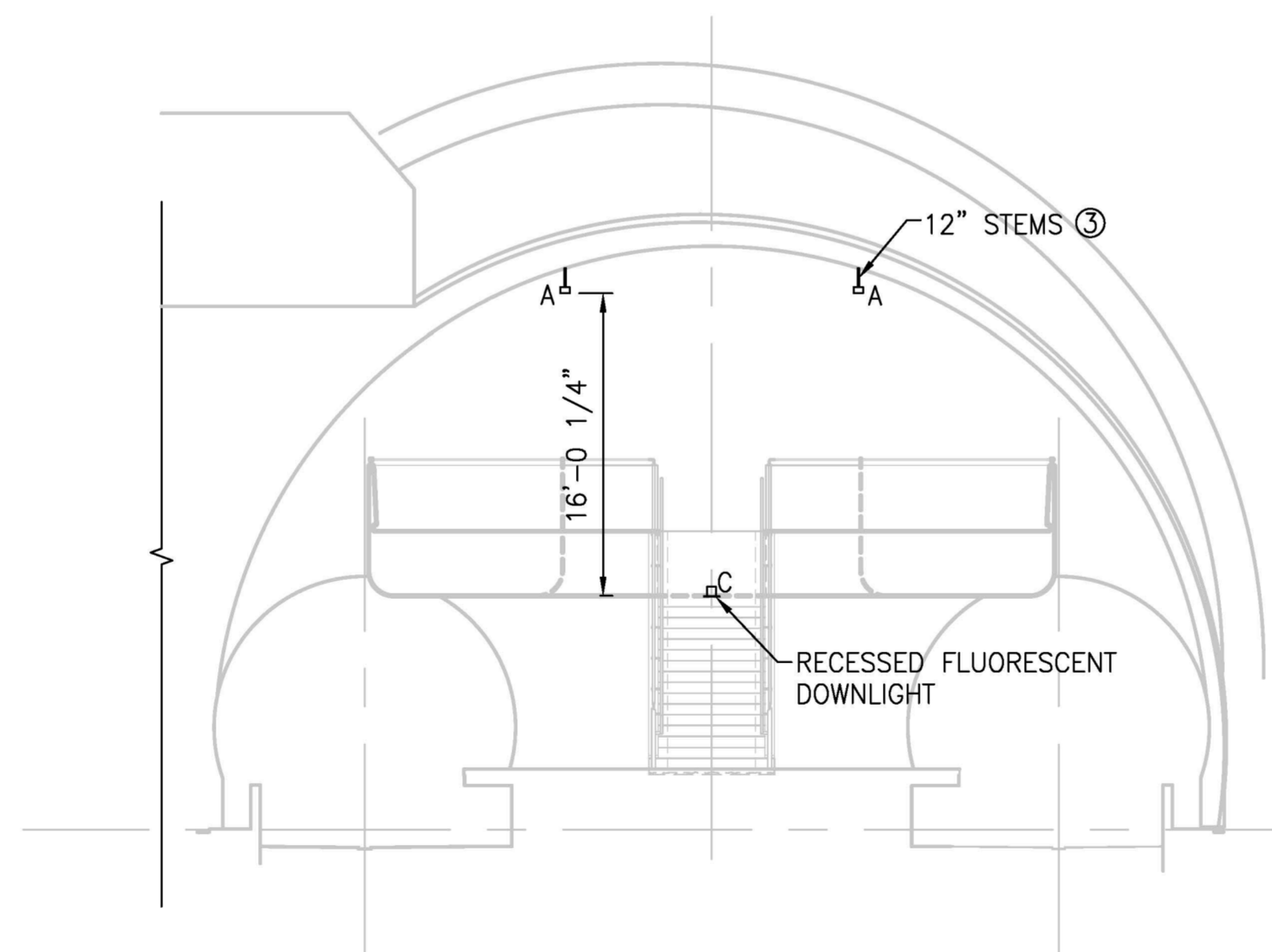
CONTRACT NO. 13-FQ10060-MCAP-19



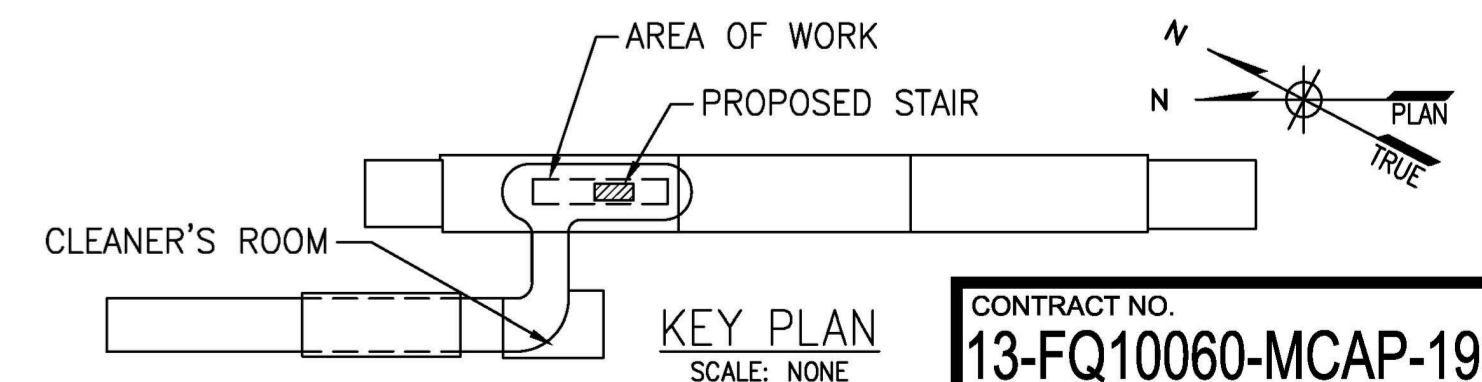
MEZZANINE NEW WORK PLAN
SCALE: 1/8"=1'-0"

NOTES:

- ① SUSPEND FIXTURES FROM 12" STEMS IN CONTINUOUS ROWS. FIXTURES SHALL BE MANUFACTURED IN LENGTHS OF APPROXIMATELY 8'-4" EACH. FEED EACH ROW OF FIXTURES VIA THE FIRST FIXTURE'S STEM, AND CONTINUE WIRING FIXTURE-TO-FIXTURE FROM THE FIRST FIXTURE TO THE LAST FIXTURE.
- ② PROVIDE POWER FROM SPARE CIRCUIT IN PANEL LOCATED IN THE CLEANER'S ROOM ON THE MEZZANINE LEVEL. PROVIDE 1P/20A BREAKER WHERE NEEDED. RUN 2#10 + #10 GND IN 3/4" RGS CONDUIT. COORDINATE CONDUIT ROUTING, OR USE OF EXISTING SPARE CONDUITS, WITH THE AUTHORITY.
- ③ COORDINATE MOUNTING OF FIXTURES VIA 12" STEMS FROM CONCRETE CEILING. COORDINATE MOUNTING METHOD WITH THE MANUFACTURER AND THE AUTHORITY.



SECTION 1
SCALE: 1/8"=1'-0"



CONTRACT NO.
13-FQ10060-MCAP-19

1' 0" 4" 8" 16"
1/8" = 1'-0"

DESIGNED	J. KNIGHT	11/12	REFERENCE DRAWINGS		REVISIONS	
			NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	C. RICHARDSON	11/12				
CHECKED	M. GIURGIU	11/12				
APPROVED	M. GIURGIU	11/12				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

GFP A Gannett Fleming/Parsons
JOINT VENTURE

APPROVED _____

SUBMITTED _____
PROJECT MANAGER

**DESIGN OF NEW STAIR FOR
BETHESDA STATION**
ELECTRICAL
STAIR LIGHTING-MEZZANINE NEW WORK PLAN

SCALE
AS SHOWN

DRAWING NO.
E-102

SHEET NO.
-022

LIGHTING FIXTURE SCHEDULE						
MARK	MANUFACTURER/MODEL	VOLTS	LAMPS		MOUNTING	REMARKS
			No.	TYPE		
A	PRECISION ARCHITECTURAL LIGHTING (PAL) TRS02-0-8-K12-OP/PB4-FCC-UNV-T8-FS	277	2	32W T8	PENDANT	8' FIXTURES, CONCRETE CEILING, 12" STEM MOUNTING IN CONTINUOUS ROWS. OBOURD, 60% UPLIGHT/40% DOWNLIGHT, SEMI-SPECULARR PARABOLIC BAFFLE, ANTIQUE (DARK) BRONZE, FUSED BALLASTS
B	LUMAX INDUSTRIES, INC. CB11702-EO4FARS	277	1	17W T8	WALL	CORNER BRACKET LUMINAIRE, 2' LENGTH, WHITE FINISH, ELECTRONIC BALLAST, ACRYLIC LENS
C	LIGHTOLIER/GENLIGHT C6E170VWCLW/C610MH0E2	277	1	ED17 MH	RECESSED	SPECULAR CLEAR REFLECTOR. LAMP: 100W MH ED17. VERTICAL LAMP. NO LENS
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

PANEL DESIGNATION		NUMBER OF POLES:24 MAIN BUS RATING:- MAIN RATING:MLO	LOCATION: CLEANER'S ROOM, MEZZANINE LEVEL VOLTAGE: 480/277V-3Ø 4W PANEL MOUNTING:WALL					
HM "ESSENTIAL"								
CIR. No.	CIR. BKR.	DESCRIPTION	LOAD - KVA			DESCRIPTION	CIR. BKR.	CIR. No.
			AØ	BØ	CØ			
1	-	-	5.57	-	-	1.66	-	2
3	50A	ENT. ELEV. MOTOR FDR. (15HP)	-	5.57	-	-	1.86	4
5	-	-	-	-	5.57	-	-	6
7	-	-	20.1	-	-	1.80	-	8
9	125A	SUBFEED PANEL "F"	-	19.1	-	-	1.80	10
11	-	-	-	-	19.1	-	-	12
13	20A	MEZZ.-PYLONS & DOWN LIGHTS	1.42	-	-	3.09	-	14
15	20A	MEZZ.-PYLONS & DOWN LIGHTS	-	1.54	-	-	1.90	16
17	20A	MEZZ.-PYLONS & DOWN LIGHTS	-	-	1.43	-	-	18
19	20A	SPARE	-	-	-	-	-	20
21	-	BUSSED SPACE	-	-	-	-	-	22
23	-	BUSSED SPACE	-	-	-	-	-	24
TOTAL			27.1	26.2	26.1	6.55	5.36	3.60
PANEL CONNECTED LOAD						TOTAL		
AØ 33.65								
BØ 31.56								
CØ 29.70								
94.91 TOTAL								

PANEL DESIGNATION		NUMBER OF POLES:24 MAIN BUS RATING:- MAIN RATING:MLO	LOCATION: CLEANER'S ROOM, MEZZANINE LEVEL VOLTAGE: 480/277V-3Ø 4W PANEL MOUNTING:WALL					
PEH "EMERGENCY"								
CIR. No.	CIR. BKR.	DESCRIPTION	LOAD - KVA			DESCRIPTION	CIR. BKR.	CIR. No.
			AØ	BØ	CØ			
1	-	-	2.42	-	-	1.64	-	2
-	20A	PYLON & MEZZ. EMERG. LTG	-	X	-	-	1.64	4
3	-	-	-	-	X	-	-	6
3	-	-	X	-	-	?	-	8
-	20A	PYLON & MEZZ. EMERG. LTG	-	2.25	-	-	X	20A
-	-	-	-	-	X	-	-	-
5	-	-	X	-	-	-	-	10
-	20A	PYLON & MEZZ. EMERG. LTG	-	X	-	-	-	30A
-	-	-	-	-	2.42	-	-	-
7	-	BUSSED SPACE	-	-	-	1.90	-	20A
-	-	BUSSED SPACE	-	-	-	-	-	-
-	-	BUSSED SPACE	-	-	-	-	-	-
TOTAL			2.42	2.25	2.42	3.54	1.64	1.64
PANEL CONNECTED LOAD						TOTAL		
AØ 5.96								
BØ 3.89								
CØ 4.06								
13.91 TOTAL								

NOTE: EXISTING PANELS AND CIRCUITS SHOWN IN GRAY

CONTRACT NO.
13-FQ10060-MCAP-19

DESIGNED	J. KNIGHT	11/12
		DATE
DRAWN	C. RICHARDSON	11/12
		DATE
CHECKED	M. GIURGIU	11/12
		DATE
APPROVED	M. GIURGIU	11/12
		DATE

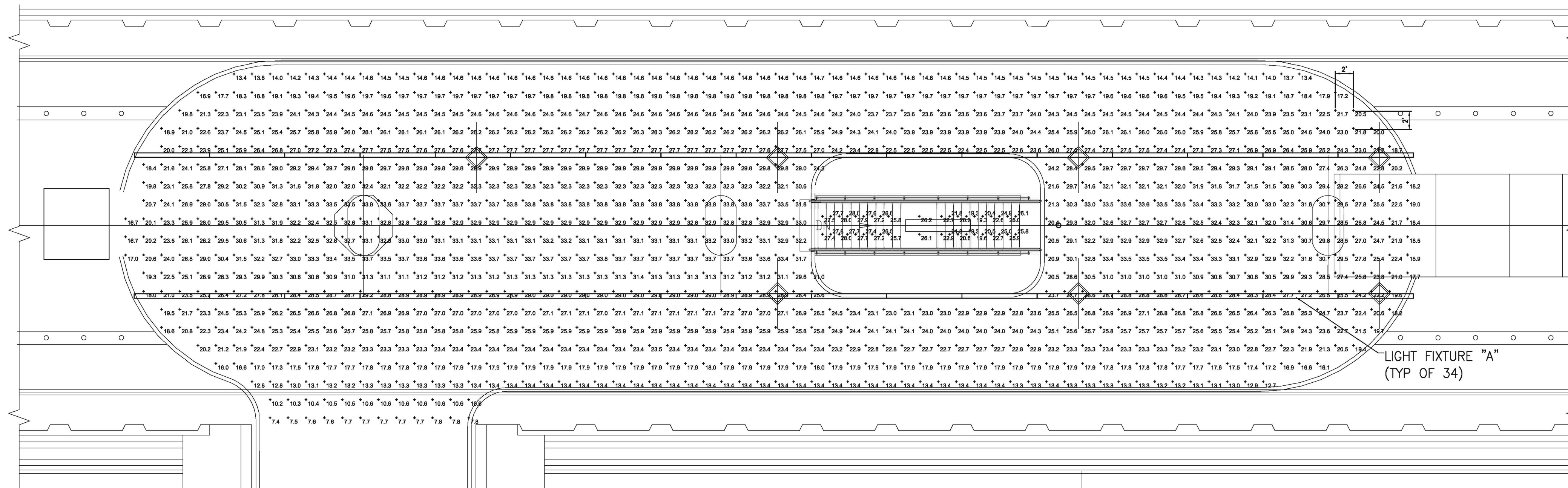
REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
DATE	BY	DESCRIPTION

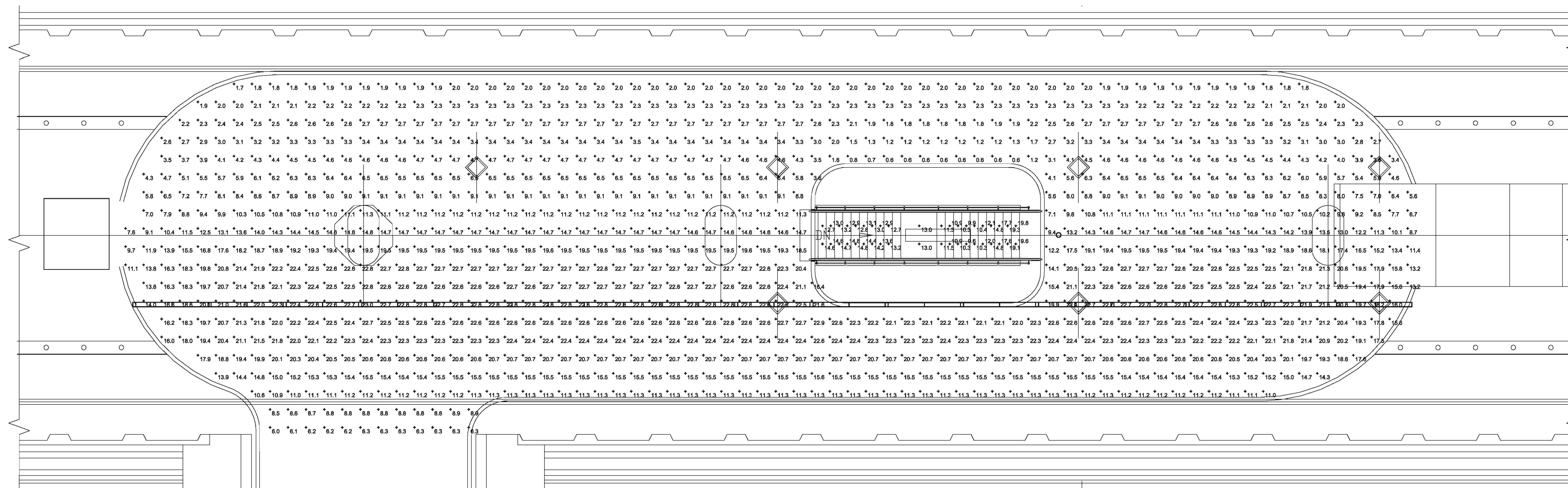
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM
APPROVED _____

GFP A Gannett Fleming/Parsons
JOINT VENTURE
SUBMITTED _____
PROJECT MANAGER

DESIGN OF NEW STAIR FOR BETHESDA STATION
ELECTRICAL
PANEL AND LIGHTING FIXTURE SCHEDULES
SCALE NONE
DRAWING NO. E-600
SHEET NO. -023



LIGHTING CALCULATION – MEZZANINE PLAN
SCALE: 1/4"=1'-0"

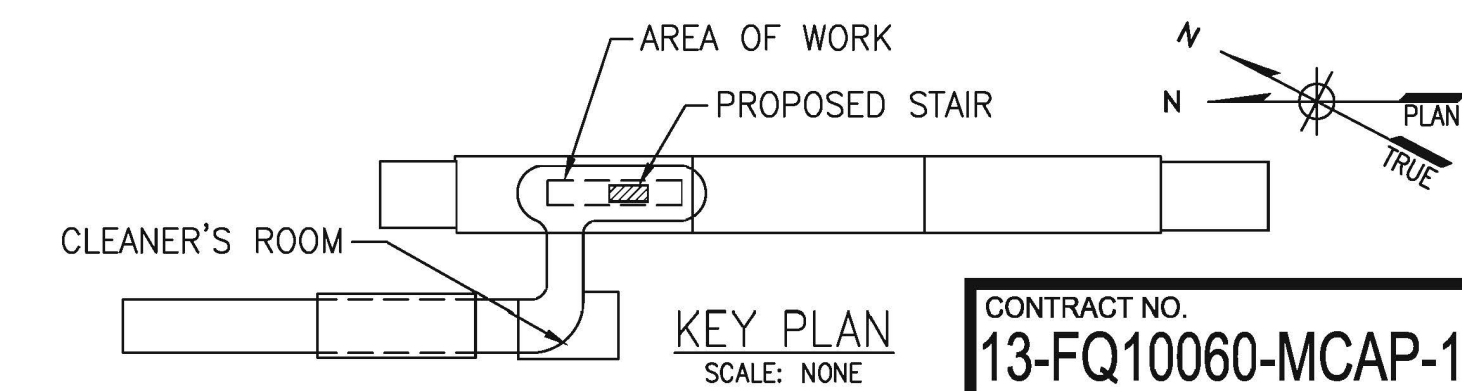
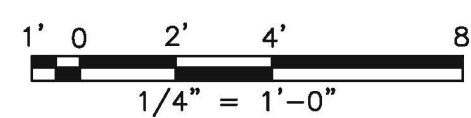


EMERGENCY LIGHTING CALCULATION – MEZZANINE PLAN
SCALE: 1/4"=1'-0"

NOTES

- CALCULATION POINT SPACING:
HORIZONTAL: 2'-0"
VERTICAL: 2'-0"
- CALCULATED LIGHTING LEVELS ARE SHOWN IN FOOT-CANDLES (FC).

NOTE: CALCULATION PERTAINS TO EMERGENCY LIGHTING FIXTURES SHOWN.



CONTRACT NO.
13-FQ10060-MCAP-19

DESIGNED	J. KNIGHT	11/12
		DATE
DRAWN	C. RICHARDSON	11/12
		DATE
CHECKED	M. GIURGIU	11/12
		DATE
APPROVED	M. GIURGIU	11/12
		DATE

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM
APPROVED _____



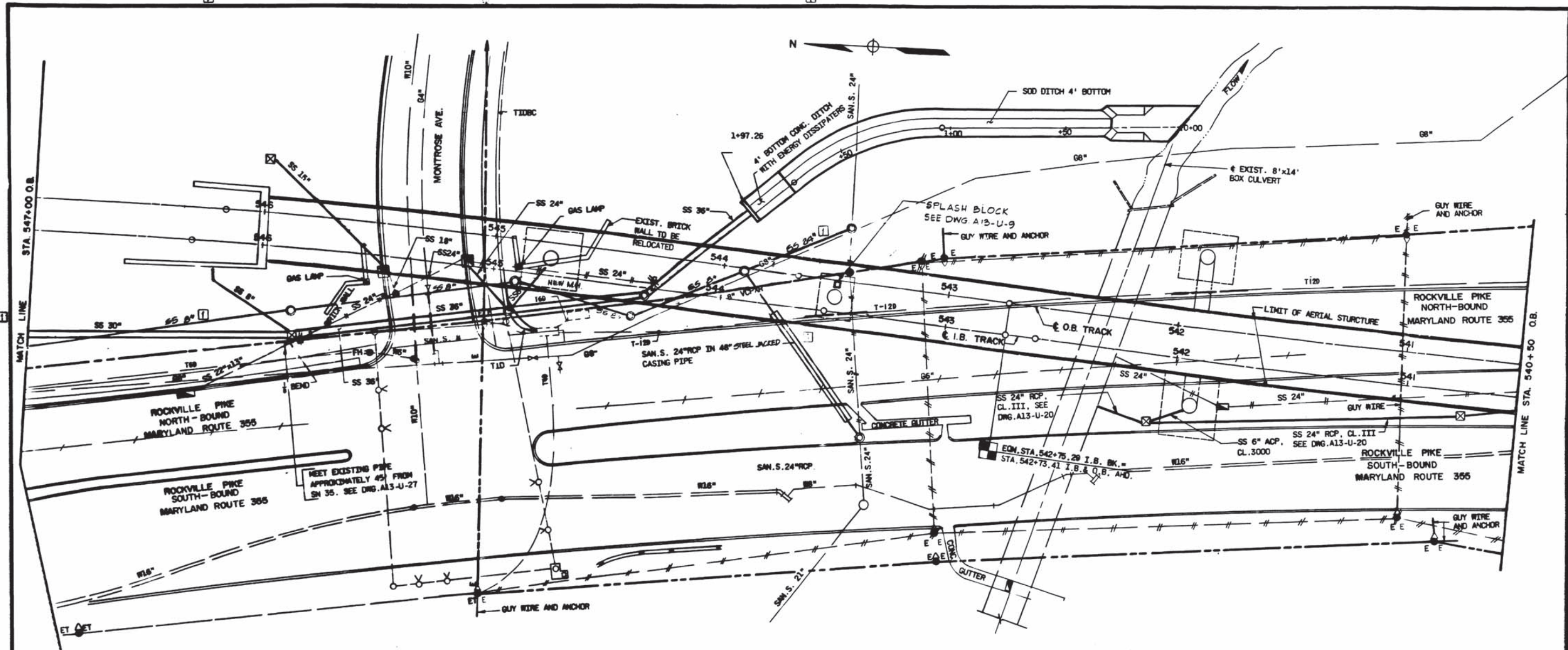
SUBMITTED _____
PROJECT MANAGER

DESIGN OF NEW STAIR FOR BETHESDA STATION
ELECTRICAL LIGHTING CALCULATIONS

SCALE
AS SHOWN

DRAWING NO.
E-601

SHEET NO.
-024



WASHINGTON METROPOLITAN
 AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 BY *[Signature]* DATE **MAY 08 1978**
 RESIDENT ENGINEER

DESIGNED		REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION	
113-9-19	STORM SEWER				
113-9-27	SANITARY SEWER				
113-9-33	REGULATION CONTROL PLAN				
113-9-71	TELEPHONE				
113-9-29	ELECTRIC AL				
113-9-55	GAS LINES				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WEBER & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

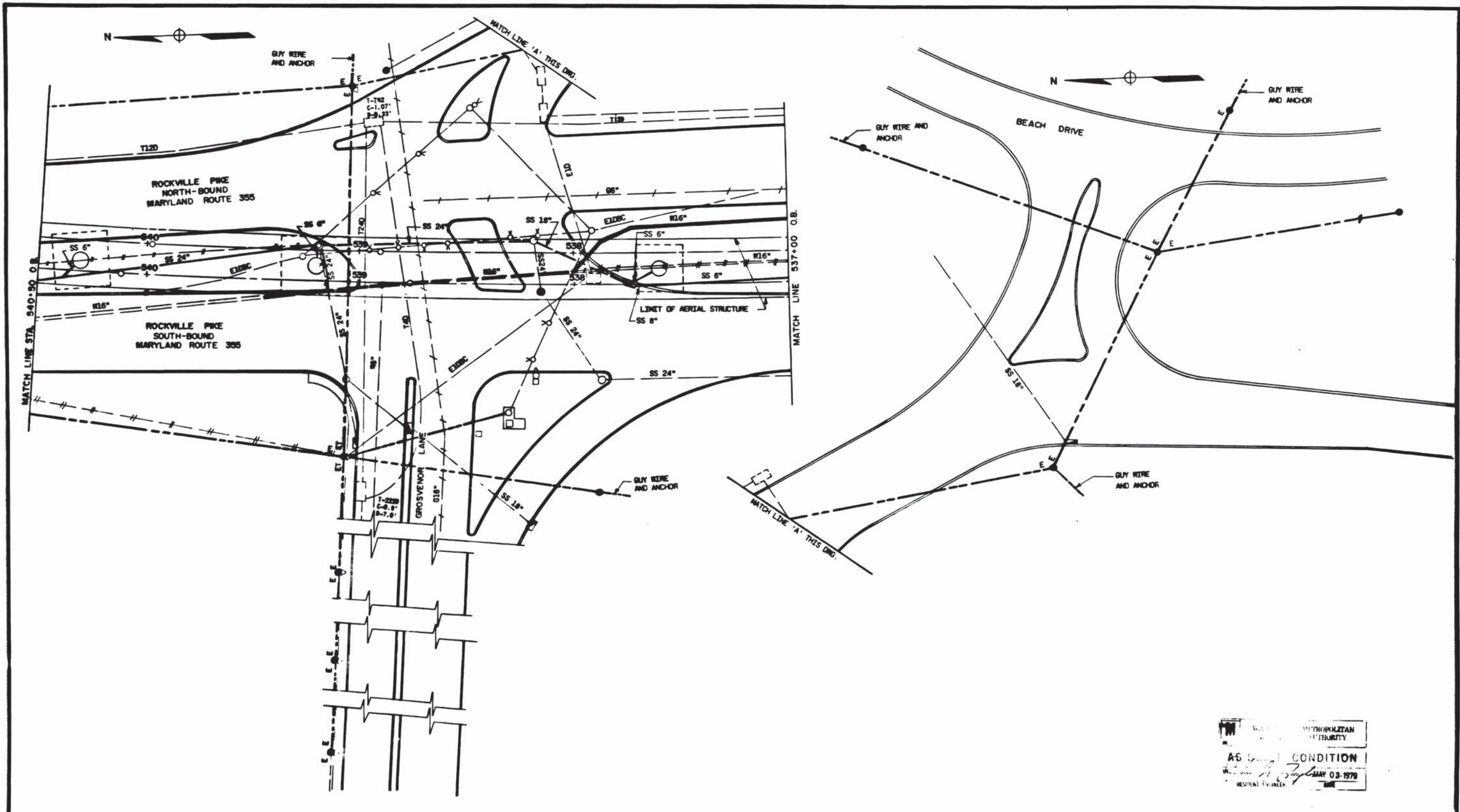
APPROVED *[Signature]*

ROCKVILLE ROUTE
 COMPOSITE UTILITY PLAN
 STA. 547+00 TO STA. 540+50 O.B.

SCALE 1"=20'

DRAWING NO. **A13-U-7**

M220-77



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 AS SHOWN IN CONDITION
 MAY 03-1978
 RESIDENT ENGINEER

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	BY
S. BENTLEY	2/1/78	212-9-20	STORM SEWER		
S. BENTLEY	2/7/78	212-9-12	WATER LINE RELOCATION		
L. NEWFIELD	2/11/78	212-9-79	ELECTRICAL		
		212-9-21	DRAINAGE - BELONG PIER		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEIJW. CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

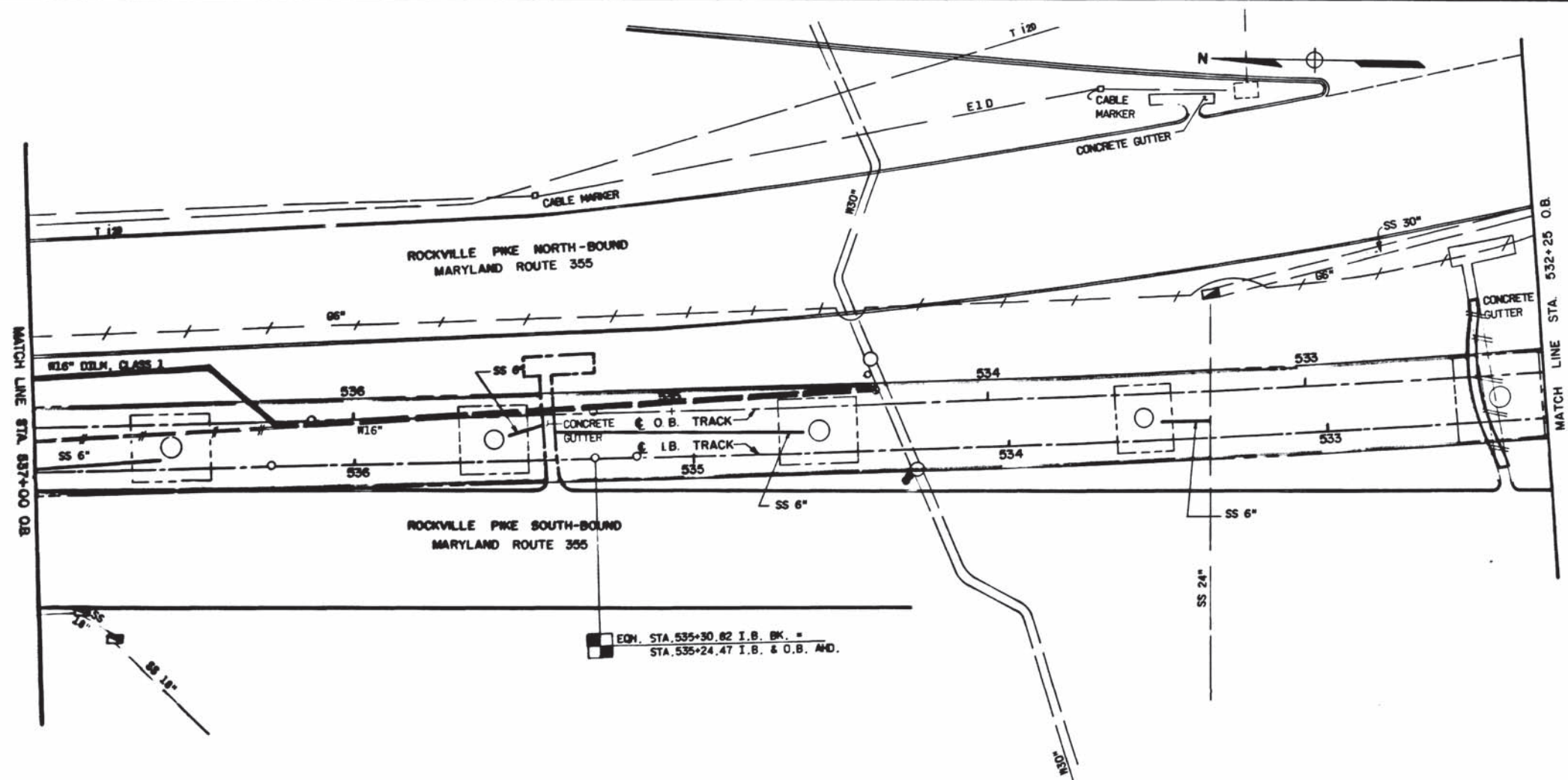
HARRY WESSE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

APPROVED: *[Signature]*

ROCKVILLE ROUTE
 COMPOSITE UTILITY PLAN
 STA. 540+50 TO STA. 537+00 O.B.

SCALE: 1" = 20'

DRAWING NO. A 13-U-66 M220-78



EQ. STA. 535+30.82 I.B. BK. =
STA. 535+24.47 I.B. & O.B. AND.

WASHINGTON METROPOLITAN
AUTHORITY
AS-BUILT CONDITION
MAY 03 1978
RESIDENT ENGINEER

DESIGNED **L. DOUTHETT** 2/7/75
DRAWN **H. ROPEARS** 2/13/75
CHECKED **L. BRIDFIELD** 2/13/75
APPROVED *[Signature]* 2/13/75

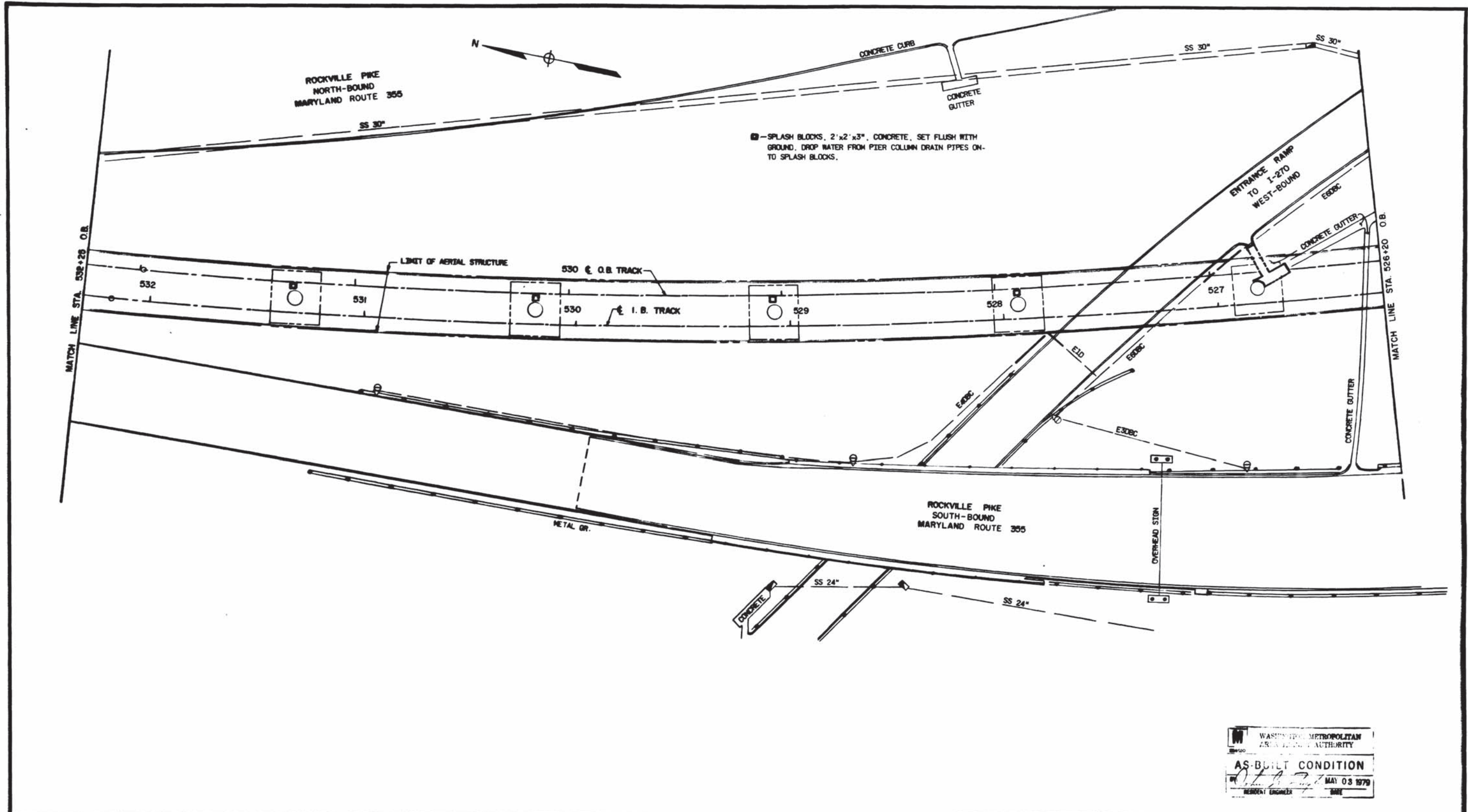
REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A13-U-12	UTILITY LINE RELOCATION		
A13-U-21	DRAINAGE BRIDGE PILES		



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS
SUBMITTED: *[Signature]*

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT
HARRY WEZBE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT
APPROVED: *[Signature]*

ROCKVILLE ROUTE
COMPOSITE UTILITY PLAN
STA. 537+00 TO STA. 532+25 O.B.
SCALE 1" = 20'
DRAWING NO. A 13-U-8
M220-79

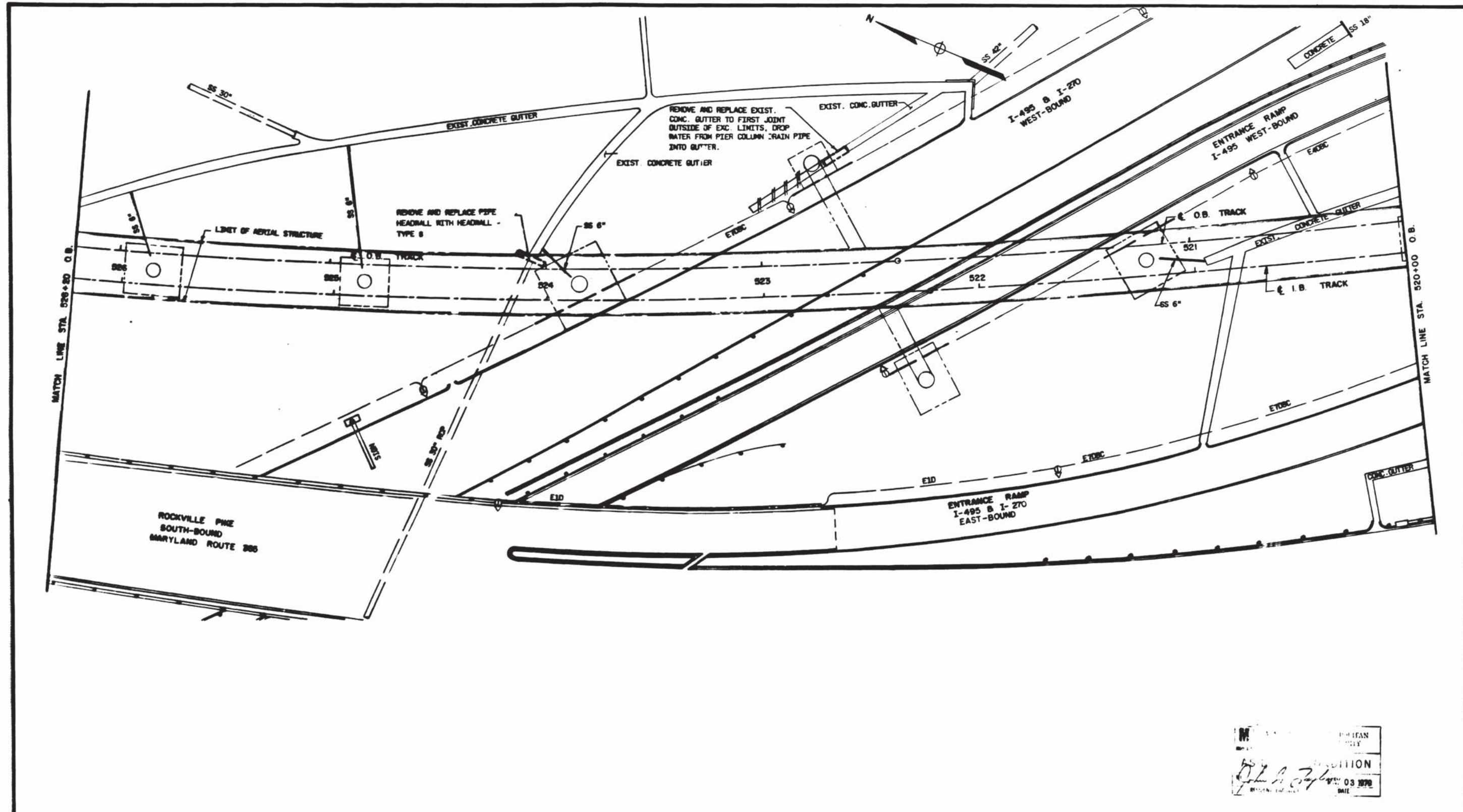



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 AS-BUILT CONDITION
 MAY 03 1979
 RESIDENT ENGINEER

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	BY
E. DOUTRITT	5/7/75	A13-U-22	DRAWING BRIDGE PILES		
J. WILSON	5/10/75	A13-U-51	ELECTRICAL		
L. DORFIELD	5/10/75	A13-U-50	ELECTRICAL		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS
 DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WEISE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

ROCKVILLE ROUTE
 COMPOSITE UTILITY PLAN
 STA. 532+25 TO STA. 526+20 O.B.
 SCALE: 1" = 20'
 DRAWING NO. A 13 - U - 9
 M220-80




 JOHN A. JAY
 PROFESSIONAL ENGINEER
 DATE 03 1978

DESIGNED	J. MURPHY	3/1/78
DRAWN	J. WILSON	3/10/78
CHECKED	L. HOFFMAN	3/10/78
APPROVED	<i>[Signature]</i>	3/1/78

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION
1-1-73	BRIDGE DRIVE PILES
1-2-73	TRACKS

REVISIONS		
NO.	DATE	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

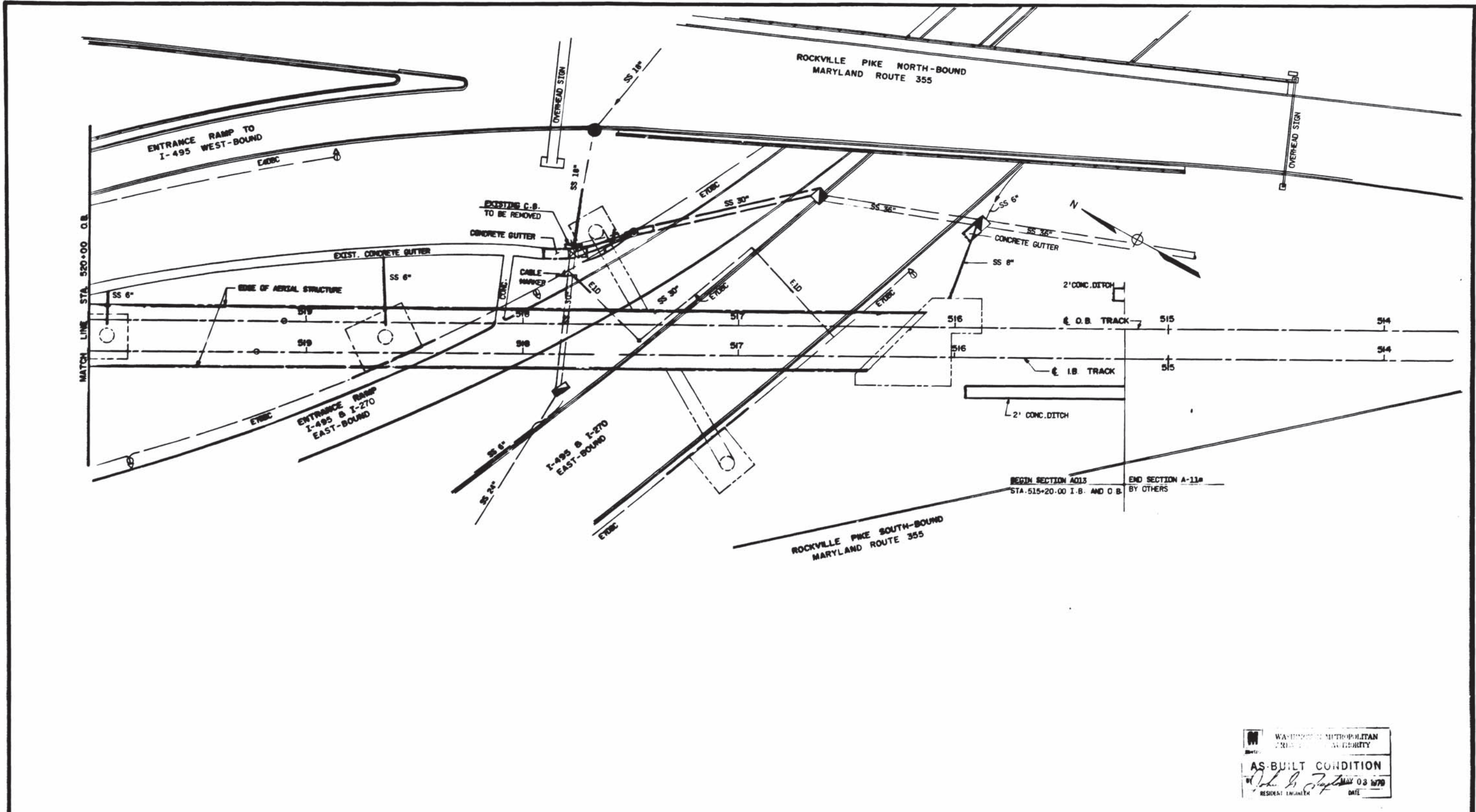
SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHIER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WEBER & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED: *[Signature]*
 APPROVED: *[Signature]*

ROCKVILLE ROUTE
COMPOSITE UTILITY PLAN
STA. 526+20 TO STA. 520+00 O.B.

SCALE: 1" = 20'
 DRAWING NO. A 13-U-10
 M220-81



BEGIN SECTION A-13
STA. 515+20.00 I.B. AND O.B.
END SECTION A-13
BY OTHERS

WASHINGTON METROPOLITAN
TRANSIT AUTHORITY
AS-BUILT CONDITION
RESIDENT ENGINEER: *John S. [Signature]* DATE: MAY 03 1979

DESIGNED: B. DOUTHETT 2/7/75
DRAWN: J. WILSON 3/20/75
CHECKED: L. DEFIELD 2/11/75
APPROVED: *[Signature]* 4-1-75

NUMBER	DESCRIPTION	DATE	BY	REVISIONS
A13-U-24	BRIDGE PIER BOARDS			
A13-U-25	BARRETTIAL			
A13-U-26	STORM SEWER			

NUMBER	DESCRIPTION	DATE	BY	REVISIONS

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WESSE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

APPROVED: *[Signature]*

ROCKVILLE ROUTE
COMPOSITE UTILITY PLAN
STA 520+00 TO STA 514+00 O.B. & I.B.

SCALE: 1" = 20'

DRAWING NO. A13-U-11 M220-82

GENERAL NOTES

A. SCOPE OF WORK:

ALL STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND ALL OTHER DRAWINGS RELATED TO THE PERFORMANCE OF THE FOLLOWING WORK:

- CUT AND COVER STRUCTURE
- AERIAL STRUCTURE
- STATION BUILDING STRUCTURE
- SUBSTATION AND TIE BREAKER STATION
- PEDESTRIAN UNDERPASS STRUCTURE

B. GEOMETRY AND CLEARANCE:

- VERTICAL CONTROL FOR ALL CONSTRUCTION, UNLESS OTHERWISE NOTED, SHALL BE BASED ON THE TOP OF RAIL ELEVATION OF THE OUTBOUND TRACK. TOP OF RAIL SHALL MEAN TOP OF LOW RAIL IN SUPERELEVATED SECTIONS.
- UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE MEASURED HORIZONTALLY AND VERTICALLY AT NORMAL TEMPERATURE OF 60°F INCLUDING ALL JOINT OPENINGS.
- ALL WEB MEASUREMENTS ALONG WORKING LINES AND WORKING POINTS ARE GIVEN IN DECIMAL FEET. ALL OTHER DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
- PROJECT DATUM IS SEA LEVEL DATUM (1929 GENERAL ADJUSTMENT).

C. CODES AND SPECIFICATIONS:

STRUCTURAL DESIGN SHALL BE GOVERNED BY THE FOLLOWING CODES, MANUALS OR SPECIFICATIONS:

- "MANUAL OF DESIGN CRITERIA" OF MWATA.
- "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ELEVENTH EDITION OF AASHTO 1975 INCLUDING 1974 INTERIM SPECIFICATIONS.
- AMERICAN RAILWAY ENGINEERING ASSOCIATION (AREA) MANUAL FOR LATERAL EARTH PRESSURE.

CUT AND COVER TUNNEL STRUCTURE, STATION BUILDING STRUCTURE AND SUBSTATION:

- ACI STANDARD BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-71) EXCEPT AS NOTIFIED HEREIN.
- MANUAL OF STEEL CONSTRUCTION SEVENTH EDITION OF AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) AND SUPPLEMENTS NO. 1 AND 2.
- WELDING - AWS STRUCTURAL WELDING CODE 1972 (AWS D 1.1-72) OF THE AMERICAN WELDING SOCIETY.
- MANUAL OF DESIGN CRITERIA OF MWATA

D. DESIGN STRESSES:

- CAST IN PLACE CONCRETE:
CLASS 3500: $f_c=1400$ PSI $n=8.5$
CLASS 5000: $f_c=2000$ PSI $n=6$
(EXCEPT AT STATION BUILDING STRUCTURES, CLASS 5000, $f_c=2250$ PSI $n=7$)
- REINFORCING BARS:
 $f_y=60000$ PSI
 $f_u=24000$ PSI FOR FLEXURAL MEMBER
 $f_u=20000$ PSI FOR COMPRESSION IN COLUMN
- HIGH STRENGTH STRUCTURAL STEEL A588
 $f_y=50000$ PSI
 $f_u=27000$ PSI TENSION
 $f_u=17000$ PSI

F. MATERIALS:

- CONCRETE:
ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3600 PSI, EXCEPT THE FOLLOWING WHICH HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI:
a. STATION BUILDING STRUCTURES INCLUDING TRACTION POWER SUBSTATION, EXCEPT WALL AND COLUMN FOOTINGS.
b. CAST A 5690 OF CUT AND COVER STRUCTURES.
c. CONCRETE FOR AERIAL STRUCTURE, EXCEPT PIER & ABUTMENT FOOTINGS.
- REINFORCING BARS:
REINFORCING STEEL SHALL CONFORM TO ASTM DESIGNATION A615 GRADE 60 UNLESS NOTED OTHERWISE. COLUMN SPIRAL SHALL BE LAPPED 1/2 TURNS AT ALL SPLICES. ALL LAPS OF REINFORCING BARS SHALL BE A MINIMUM OF 30 TIMES THE BAR DIAMETER UNLESS NOTED OTHERWISE ON DRAWINGS.
- STRUCTURAL STEEL:
ALL STRUCTURAL STEEL UNLESS OTHERWISE NOTED SHALL CONFORM TO ASTM DESIGNATION A588 WITH CORROSION RESISTANT PROPERTIES (HIGH STRENGTH LOW ALLOY STEEL) FOR BOX GIRDERS AND PIER CAPS OF AERIAL STRUCTURES.
STEEL PILES AND STRUCTURAL STEEL FOR THE TIE BREAKER, SUB STATION AND SAFETY WALK ON AERIAL STRUCTURE, STATION BUILDING STRUCTURES, PEDESTRIAN UNDERPASS STRUCTURES, ETC. SHALL CONFORM TO ASTM DESIGNATION A36.
ALL ANCHOR BOLTS FOR CONNECTION OF PIER CAPS TO CONCRETE COLUMNS, EXCEPT COLUMNS FOR PIER A5174, A5225 AND A5419, AND ALL BEARING ANCHOR BOLTS FOR CONNECTION OF BOX GIRDERS TO STEEL PIER CAPS SHALL CONFORM TO ASTM DESIGNATION A449 UNLESS NOTED OTHERWISE.
ALL BEARING ANCHOR BOLTS FOR CONNECTION OF BOX GIRDERS TO ABUTMENTS AND FOR CONNECTION OF THE COLUMN FOR PIER A5174, A5225 AND A5419 SHALL CONFORM TO ASTM DESIGNATION A588 UNLESS NOTED OTHERWISE. ALL FIELD SPLICE BOLT SHALL BE ASTM DESIGNATION A325 UNLESS NOTED OTHERWISE.
ALL STAY-IN-PLACE STEEL FORMS FOR AERIAL STRUCTURES SHALL NOT BE LESS THAN 16 GAUGE IN THICKNESS AND SHALL BE ZINC COATED (GALVANIZED) IN ACCORDANCE

WITH ASTM DESIGNATION A446 COATING CLASS-2,00

F. MAXIMUM ALLOWABLE FOUNDATION PRESSURES:

- AERIAL STRUCTURES ON SPREAD FOOTINGS - 4 TSF
- AERIAL STRUCTURES ON PILES - 95 TON/PILE
- CUT AND COVER STRUCTURES ON RESIDUAL SOILS - 5 TSF
- CUT AND COVER STRUCTURES ON ROCK - 10 TSF
- PEDESTRIAN UNDERPASS - 5 TSF

G. GENERAL:

- LOCATIONS, DIMENSIONS AND ELEVATIONS OF THE EXISTING STRUCTURES WHERE SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY AND ARE NOT GUARANTEED.
- CONCRETE CLASS DESIGNATION REFERS TO ITS MINIMUM ULTIMATE COMPRESSIVE STRESS IN PSI AFTER 28 DAYS.
- ELECTRICAL BONDING DETAILS OF REINFORCING STEEL FOR CUT AND COVER SECTIONS SHALL CONFORM TO DRG. ST-S-7 AS APPLICABLE.

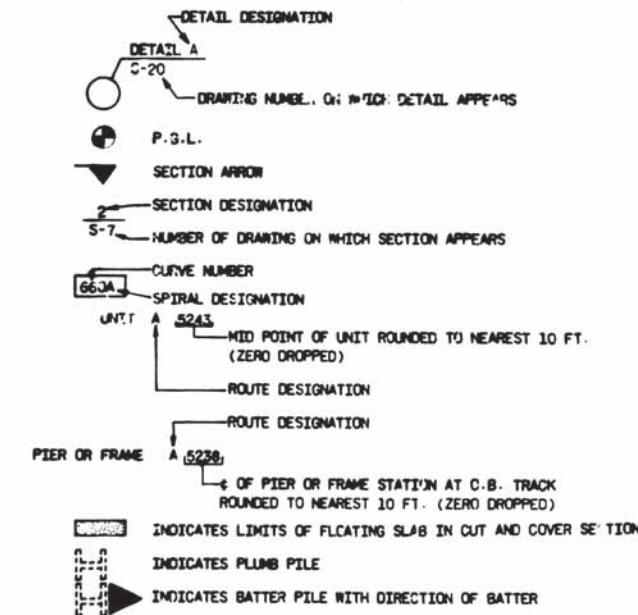
H. FOUNDATIONS:

ALL SPREAD FOOTINGS ARE DESIGNED FOR ALLOWABLE SOIL PRESSURES NOTED ON THE DRAWINGS. ALL PILES SHALL BE STEEL HP 12x74 WITH DESIGN CAPACITY OF 95 TONS. PILE TIP ELEVATIONS GIVEN ON THE DRAWINGS ARE APPROXIMATE. TEST PILES SHALL BE FURNISHED AND INSTALLED WHERE SHOWN ON THE DRAWINGS FOR USE IN DETERMINING THE LENGTHS OF PILES.
FOR ALL FOOTINGS WHERE ROCK PINNACLES MAY BE ENCOUNTERED ABOVE THE GENERAL BEARING SURFACE, THE ROCK SHOULD BE UNDERCUT BY 12 INCHES AND THE UNDERCUT BACKFILLED WITH SAND TO PROVIDE A CUSHION WHICH WILL AVOID FORMING A HARD POINTS IN BEARING. CONTRACTOR MUST BE PREPARED TO CONTROL AND REMOVE SEEPAGE FROM ANY POSSIBLE INFILTRATION OF WATER DURING CONSTRUCTION. NO FOOTINGS SHALL BE CONSTRUCTED UNTIL ALLOWABLE SOIL PRESSURES ARE VERIFIED AND APPROVED BY THE ENGINEER.

ABBREVIATIONS

AASHTO.	AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS	FIN.G.L.	FINISHED GROUND LEVEL	REQ'D.	REQUIRED
ABUT.	ABUTMENT	F.H.	FIRE HYDRANT	RTE.	ROUTE
ACI.	AMERICAN CONCRETE INSTITUTE	F.S.	FLOATING SLAB	R.O.W.	RIGHT OF WAY
AISC.	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	G	GAS	SCHED.	SCHEDULE
AREA.	AMERICAN RAILWAY ENGINEERING ASSOCIATION	GA.	GALVANIZED	S.E.	SUPER ELEVATION
ASTM.	AMERICAN SOCIETY FOR TESTING AND MATERIALS	GALV.	GALVANIZED GIRDER WORKING LINE	SECT.	SECTION
ADDN.	ADDITIONAL	G.W.L.	GROUND	SIM.	SIMILAR
AHD.	AHEAD	GIRD.	GIRDER	SPA.	SPACES
ALT.	ALTERNATE	GRD.	GROUND	SG.	SQUARE
A.B.	ANCHOR BOLT	H.P.	HIGH POINT	STD.	STANDARD
APPROX.	APPROXIMATE: APPROXIMATELY	H.S.	HIGH STRENGTH	STA.	STATION
AVE.	AVENUE	HORIZ.	HORIZONTAL	STL.	STEEL
AC.	ASELSTOS CEMENT DUCT OR CONDUIT	H.W.P.	HIGH WORKING POINT	STIFF.	STIFFENER
ARCH.	ARCHITECTURAL	I.B. OR IB.	INBOUND	STRU.	STRUCTURE
█	BASE LINE	I.D.	INSIDE DIAMETER OR INSIDE DIMENSION	SYMM.	SYMMETRICAL
BK.	BACK	IN.	INCH	SAN-S.	SANITARY SEWER
BRG.	BEARING	INT.	INTERIOR	S.S.	STORM SEWER
BRG. P.	BEARING PLATE	INV.	INVERT	STM.	STEAM LINE
BOT.	BOTTOM	JT.	JOINT	S.C.	SPIRAL TO CURVE
BM.	BEAM	KIP.	1000 POUNDS	S.T.	SPIRAL TO TANGENT
B.P.	BASE PLATE	K.S.F.	KIPS PER SQUARE FOOT	S/W	SAFETY WALK
BTWN.	BETWEEN	K.S.I.	KIPS PER SQUARE INCH	S.B.	SOUTH BOUND
B.M.	BENCH MARK	LBS.	POUNDS	TEMP.	TEMPERATURE
BR.	BRICK	L.L.	LIVE LOAD	T/R	TOP OF RAIL
█	CENTER LINE	LG.	LONG	TYP.	TYPICAL
CL. OR CL.	CLEAR, CLEARANCE	LONG.	LONGITUDINAL	T.S.	TANGENT TO SPIRAL
COL.	COLUMN	L.L.H.	LONG LEG HORIZONTAL	T	TELEPHONE
CONC.	CONCRETE	L.L.V.	LONG LEG VERTICAL	T/L.R.	TOP OF LOW RAIL
CONN.	CONNECTION	L.P.	LOW POINT	TAN.	TANGENT
CONST.	CONSTRUCTION	L.W.P.	LOW WORKING POINT	T/S	TOP OF SLAB
CONTR. JT.	CONSTRUCTION JOINT	L.H.	LEFT WEB	U.S.C. &	U.S. COAST AND GEODETIC SURVEY
CONT.	CONTINUOUS	M.H.	MANHOLE	G.S.	
C.G.	CENTER OF GRAVITY	MAX.	MAXIMUM	VERT.	VERTICAL
CIP, C.I.P.	CAST IN PLACE	MCH.	MECHANICAL	V.C.	VERTICAL CURVE
C.S.	CURVE TO SPIRAL	MIN.	MINIMUM	WF	WIDE FLANGE
C.Y.	CUBIC YARD	MISC.	MISCELLANEOUS	W.W.F.	WELDED WIRE FABRIC
DET.	DETAIL	M.O.	MID ORIGINATE	WT.	WEIGHT
DIA.	DIAMETER	N	NORTH	W.P.	WORKING POINT
DIAG.	DIAGONAL	N.I.C.	NOT IN CONTRACT	NWATA	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DIM. DIMEN.	DIMENSION	NO. OR #	NUMBER		
DN.	DOWN	N.F.	NEAR FACE		
DO.	DITTO	N.B.	NORTH BOUND		
DR. OR DRG.	DRAWING	O.B. OR OB.	OUTBOUND		
DM.S.	DOWN S.	O.C. OR O/C	ON CENTER		
D.L.	DEAD LOAD	O.D.	OUTSIDE DIAMETER		
DIAPH.	DIAPHRAGM	OPP.	OPPOSITE		
EA.	EACH	P.C.C.	PLAIN CEMENT CONCRETE		
E.F.	EACH FACE	█	PLATE		
E.W.	EACH WAY	PT.	POINT		
EL. OR ELEV.	ELEVATION	P.C.	POINT OF CURVE		
ELLC.	ELECTRICAL	P.I.	POINT OF INTERSECTION		
EQ.	EQUAL	P.V.C.	POINT OF VERTICAL CURVE		
EQU.	EQUATION	P.V.I.	POINT OF VERTICAL INTERSECTION		
EQUIP.	EQUIPMENT	P.V.T.	POINT OF VERTICAL TANGENT		
EXIST.	EXISTING	PLF.	POUNDS PER LINEAR FOOT		
EXP.	EXPANSION	PSF.	POUNDS PER SQUARE FOOT		
EXT.	EXTERIOR	PSI.	POUNDS PER SQUARE INCH		
EXIST.G.L.	EXISTING GROUND LEVEL	P.G.L.	PROFILE GRADE LINE		
EG. SPC'S	EQUAL SPACING OR EQUALLY SPACED	P.T.	POINT OF TANGENT		
IGN. STA.	STATION EQUATION	PERF.	PERFORATED		
FL.	FLOOR	P.S.	POINT OF SWITCH		
F.D.	FLOOR DRAIN	PCF.	POUNDS PER CUBIC FOOT		
FLG.	FLANGE	PROP.	PROPOSED		
FIN.	FINISHED	P.O.R.	POINT OF ROTATION		
FT.	FEET OR FOOT	R	RADIUS		
FTG.	FOOTING	R.F.	REAR FACE		
F.F.	FRONT FACE	REF.	REFERENCE		
		RCP.	REINFORCED CONCRETE PIPE		
		REINF.	REINFORCING OR REINFORCEMENT		
		R.W.	RIGHT WEB		

SYMBOLS



DESIGNED	A.M. PATEL	12/74	DATE	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	G. PAROLFINO	1/75	DATE					
CHECKED	C.P. LEE	4/75	DATE					
APPROVED	J.H. [Signature]	10/75	DATE					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHY & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WEISSE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED: [Signature]

APPROVED: [Signature]

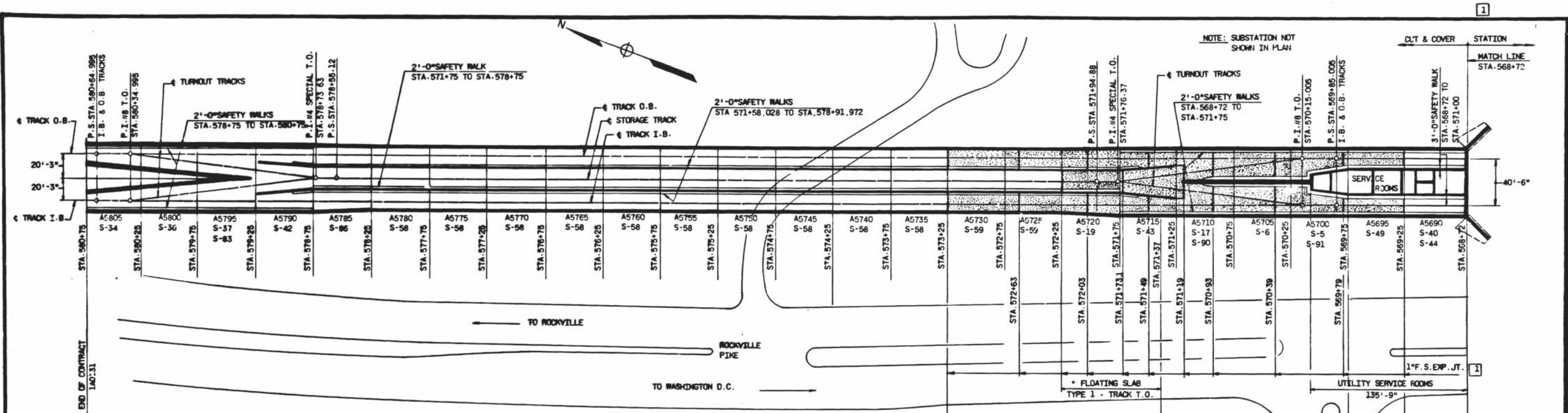
ROCKVILLE ROUTE

GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS
FOR STRUCTURAL DRAWINGS

SCALE: NO SCALE

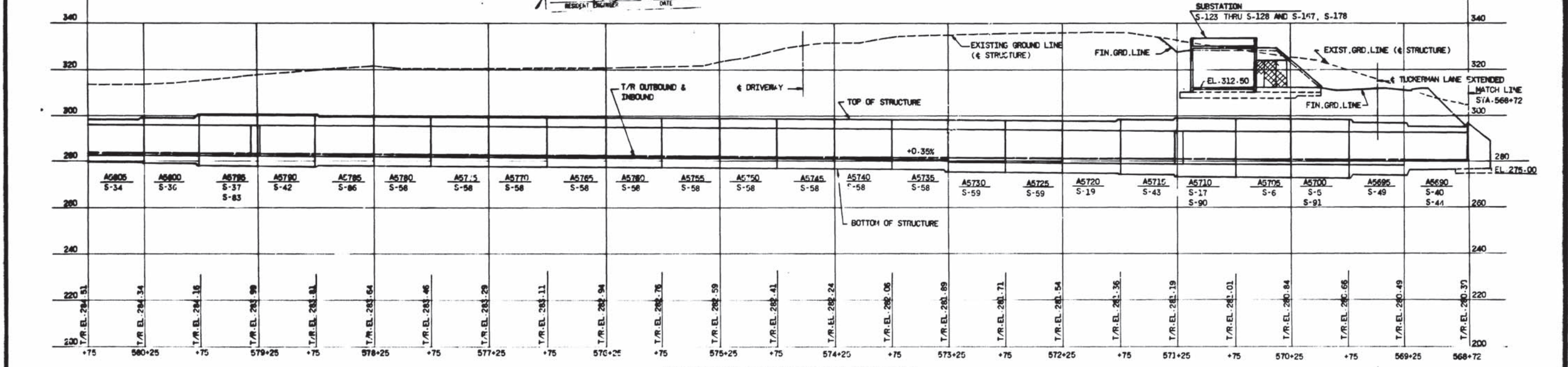
DRAWING NO. A13-S-57

M220-214



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 JOHN H. JONES
 RESIDENT ENGINEER
 MAY 03 1979
 DATE

* 10'-0" TRANSITION OF X-SLOPE TYPE 2 F.S. TO TYPE 1 F.S. AT EACH END INCLUDED.



ELEVATION OUTBOUND & INBOUND

DESIGNED	J.F.M. SMITH	11/75
DRAWN	J.F.M. SMITH	1/76
CHECKED	T. ANDRZEJEWSKI	4/76
APPROVED	<i>[Signature]</i>	10/76

NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
A13-2-12	GROSSEROR SUBSTATION, FOUNDATION PLAN	10/14/76	G.P.	FL. SLAB EXP. JTS. ADDED PER P.C.O. 77
A13-2-17	FLOATING SLAB DETAILS			
A13-2-20	ELEVATION STORAGE TRACK			
A13-2-17A	FLOATING SLAB DETAILS			

NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

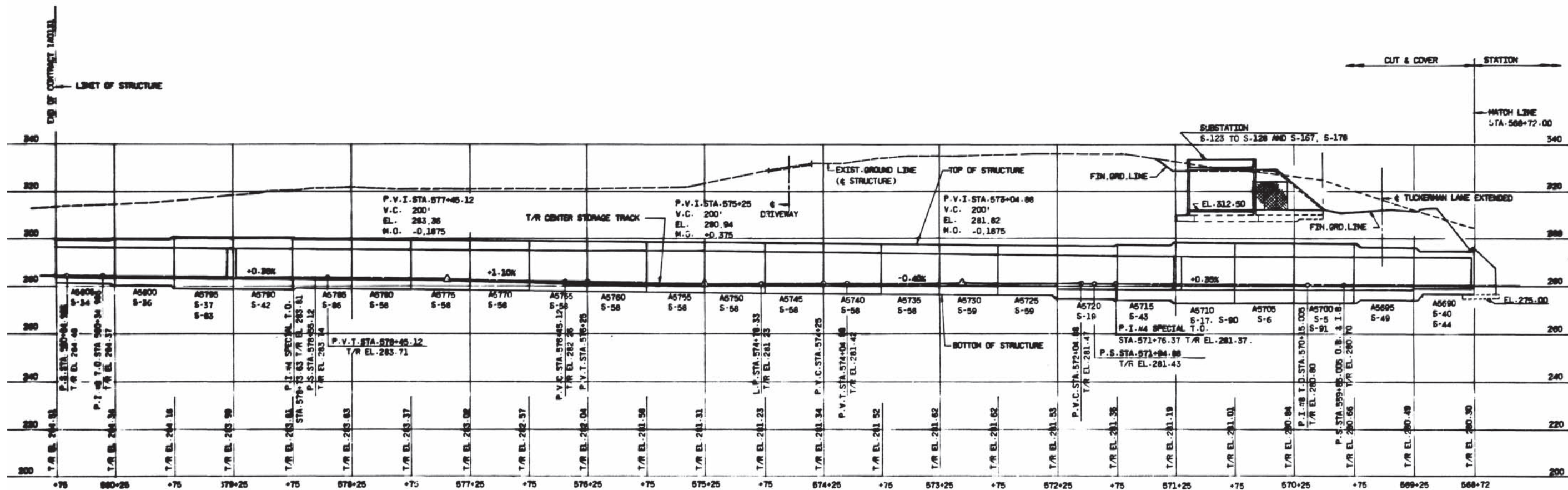
HARRY WEEBE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

APPROVED: *[Signature]*

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE
 KEY PLAN AND ELEVATION
 STA. 580+75 TO STA. 568+72 O.B. & I.B.

SCALE:
 HORIZ. 1" = 40'
 VERT. 1" = 20'

DRAWING NO. **A13-S-1**
 M220-215



ELEVATION-CENTER STORAGE TRACK

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 AS-BUILT CONDITION
 J. P. H. WHITE
 MAY 03 1978
 RESIDENT ENGINEER

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A13-5-1	KEY PLAN AND ELEVATION		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHIER & COMPANY
 GENERAL ENGINEERING CONSULTANT

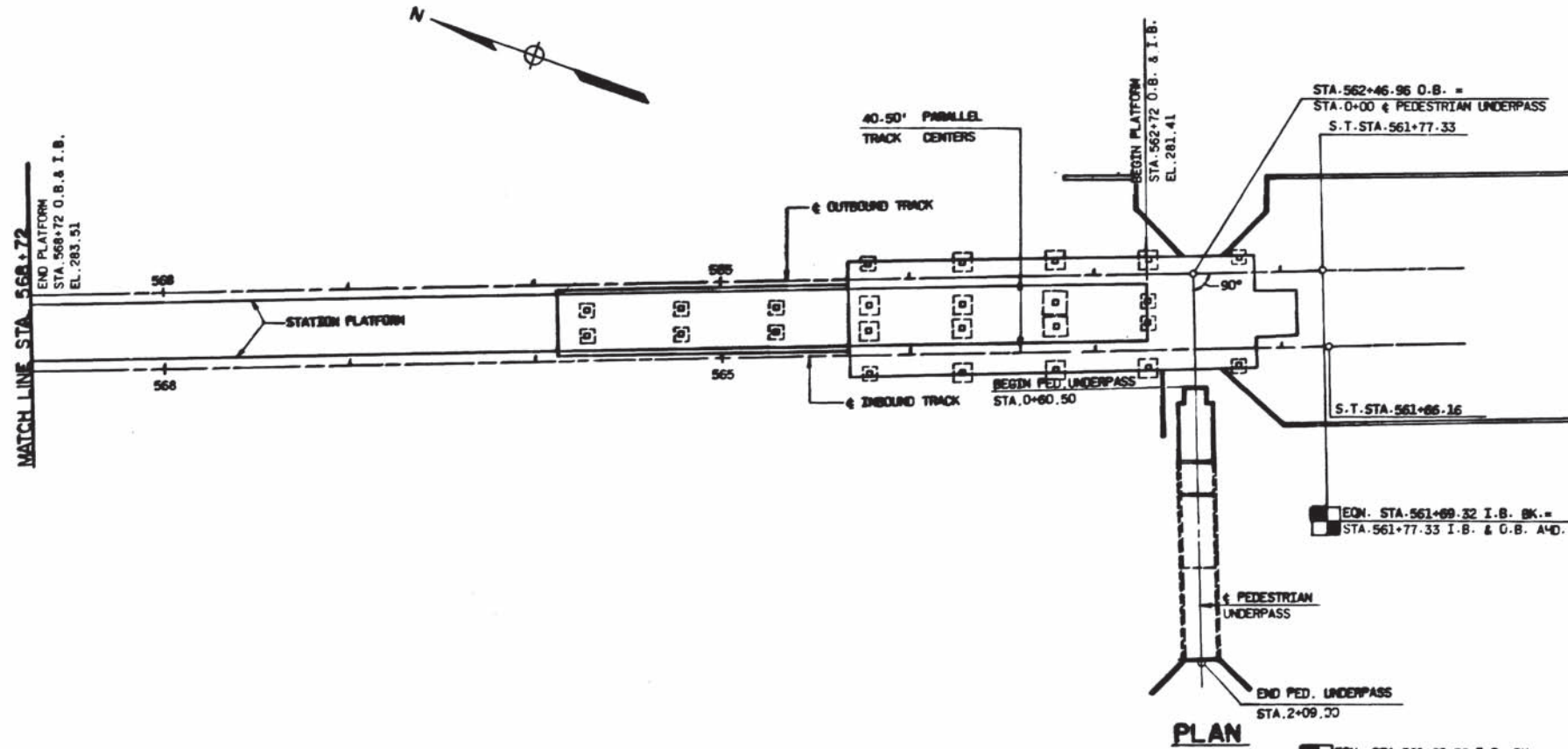
HARRY WEISSE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANTS

SUBMITTED: [Signature]
 APPROVED: [Signature]

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE
 ELEVATION - STORAGE TRACK
 STA 580+75 TO STA 568+72

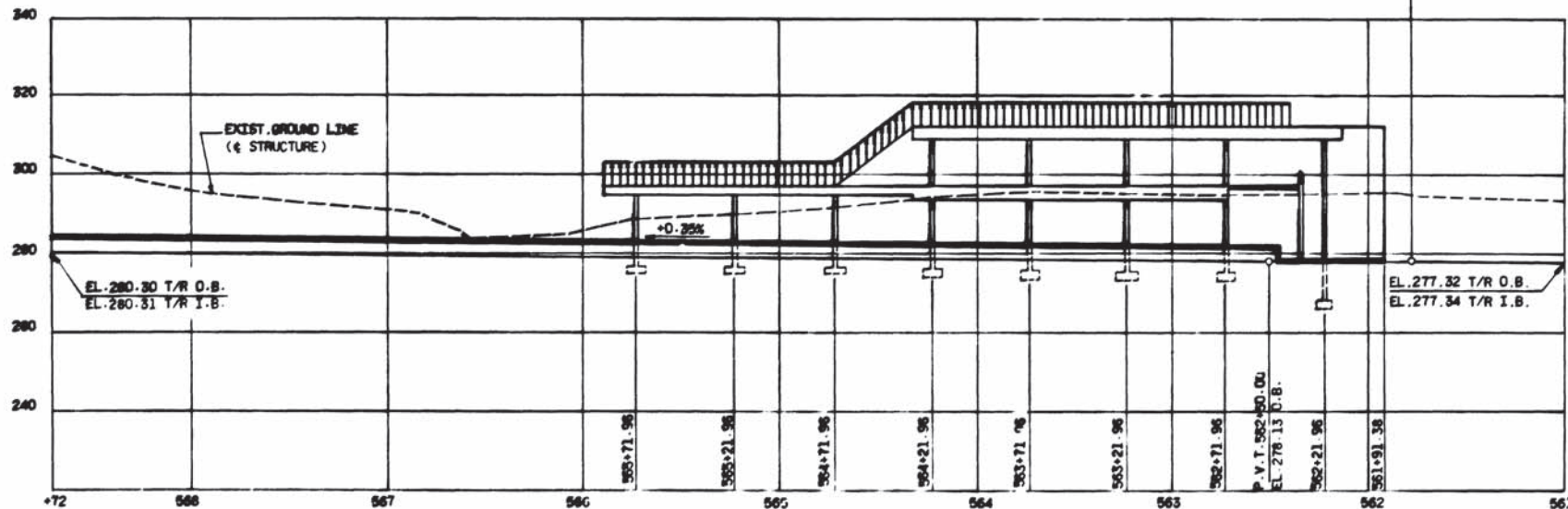
SCALE
 HORIZ 1"=40'
 VERT 1"=20'

DRAWING NO.
 A13-S-20 M220-216

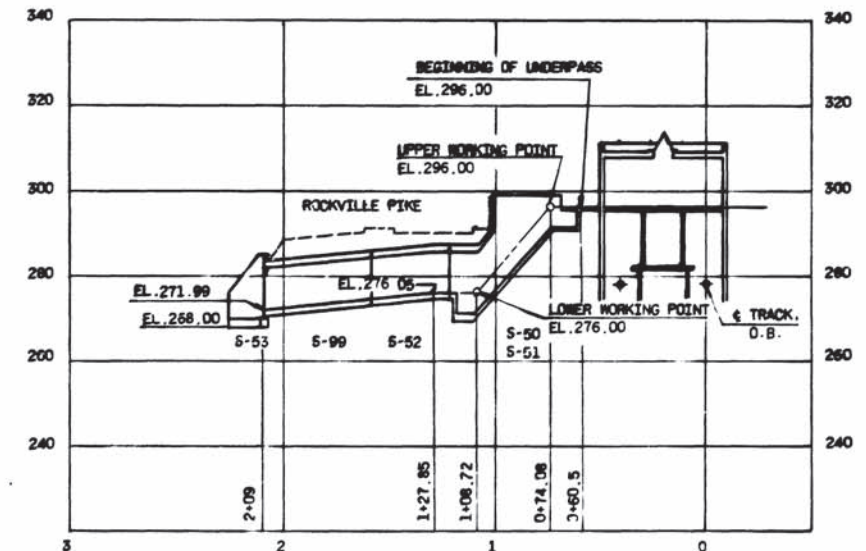


PLAN

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS BUILT CONDITION
 DATE MAY 03 1979
 PROJECT ENGINEER DATE



ELEVATION



ELEVATION - PEDESTRIAN UNDERPASS

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
J.F.N. SMITH	1/75	A13-S-51	PEDESTRIAN UNDERPASS, PLAN AND SECTIONS		
DRAWN	1/75	A13-S-67	PEDESTRIAN UNDERPASS, SECTION AND DETAILS		
CHECKED	1/75	A13-S-67	GROSVENOR STATION PARTIAL FOUND PLAN		
APPROVED	1/75	A13-S-68	GROSVENOR STATION PARTIAL FOUND PLAN		
	1/75	A13-S-69	GROSVENOR STATION PARTIAL FOUND PLAN		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

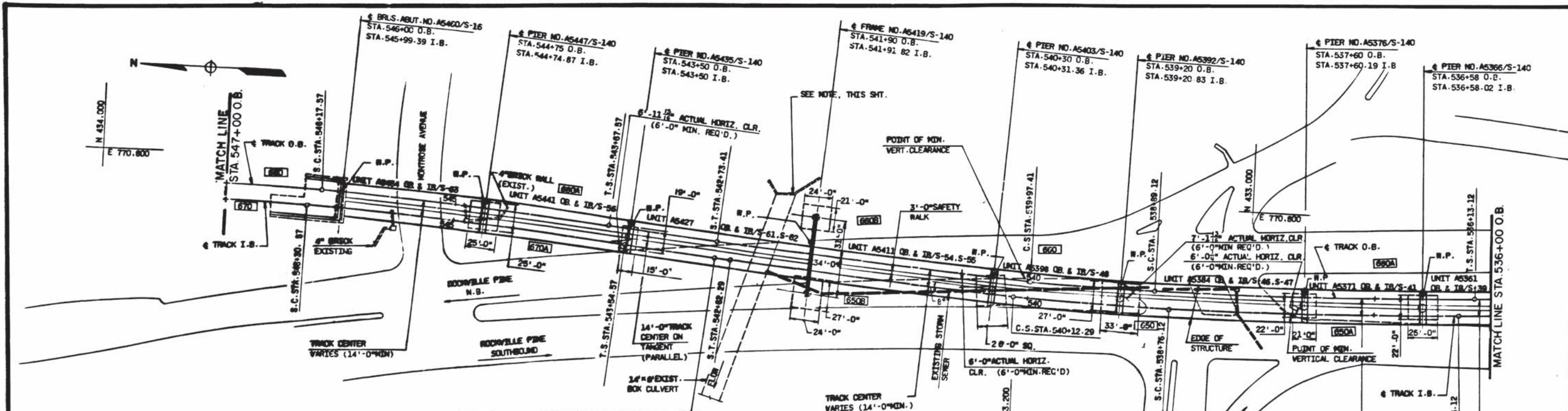
SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS
 SUBMITTED *[Signature]*

DE LEUW, CATHNER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WEBER & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT
 APPROVED *[Signature]*

ROCKVILLE ROUTE
 GROSVENOR STATION
 KEY PLAN & ELEVATION

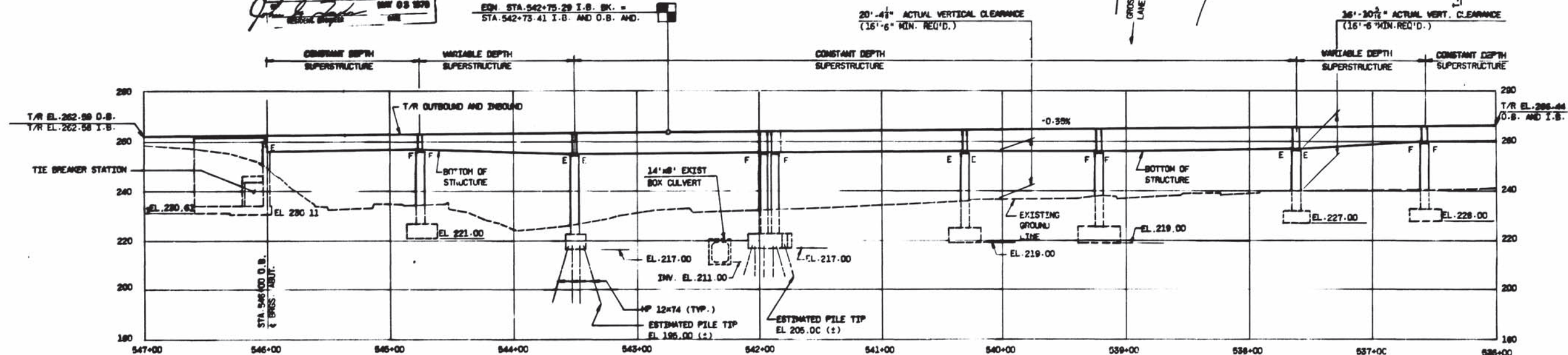
SCALE
 HORIZ. 1" = 40'
 VERT. 1" = 20'

DRAWING NO.
 A13-S-22 M220-217



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 MAY 03 1978
 HENRY G. BUCHART

PLAN



ELEVATION

NOTE:
 SINCE THE EXIST. BOX CULVERT IS IN THE VICINITY OF THE COLLAP FOOTING OF A5410, SPECIAL CARE, AS PER STD. SPEC SECT 207, SHOULD BE TAKEN DURING CONSTRUCTION.

DESIGNED	C.P. LEE	12/74	NUMBER	DESCRIPTION	DATE	BY	REVISIONS
DRAWN	G. PARROLFINO	12/74	A13-5-140	COLOR SCHEDULE AND DETAILS			
CHECKED	A.M. PATEL	2/75	A13-5-145	PIER FOOTING SCHEDULE AND UTIL. PROF. DETAIL			
APPROVED	<i>[Signature]</i>	10/75	A13-5-16	PLAN AND ELEV. ADJUST AND TIE BREAKER STATION			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SELECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LELIJE, CATHY & COMPANY
 GENERAL ENGINEERING CONSULTANT

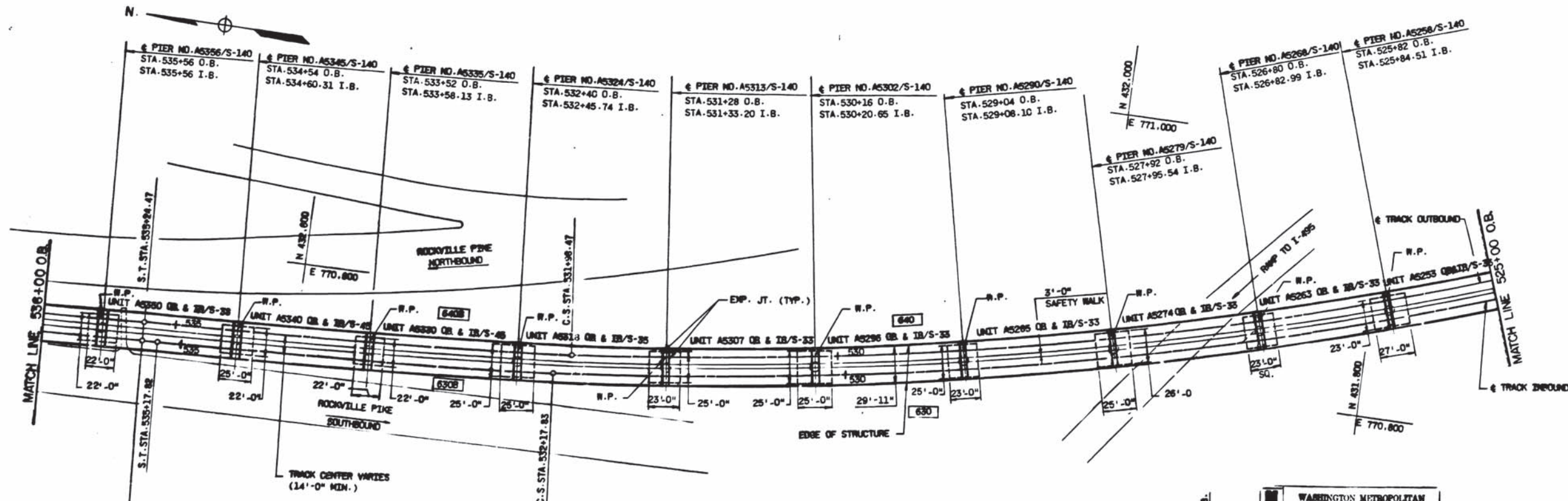
HARRY WEEBE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED: *[Signature]*

ROCKVILLE ROUTE
 AERIAL STRUCTURE
 KEY PLAN AND ELEVATION
 STA. 547+00 TO STA. 536+00 O.B. & I.B.

SCALE: HORIZ. 1"=40' VERT. 1"=20'

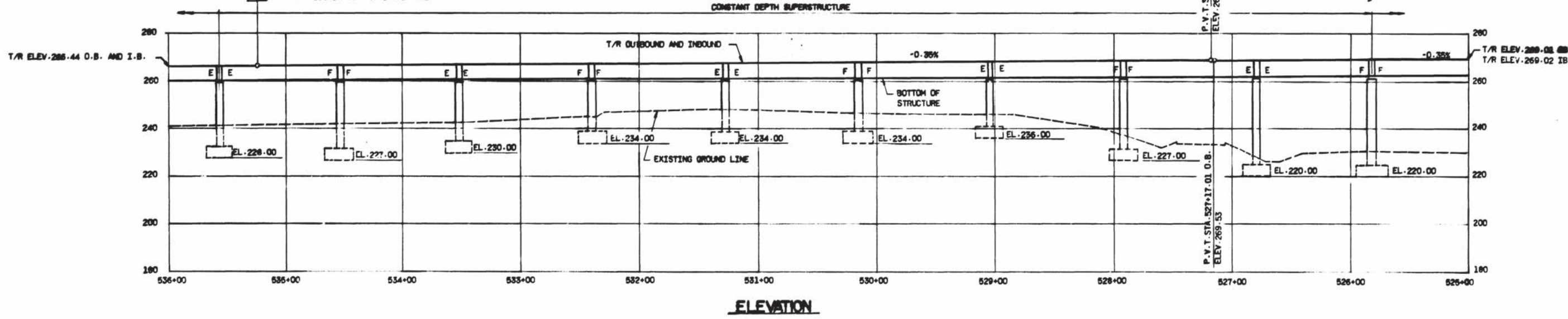
DRAWING NO. A13-5-2
 M220-216



PLAN

ECH. STA. 535+30.82 I.B. BK. =
 STA. 535+24.47 I.D. & O.B. AND
 ECH. STA. 535+30.82 I.B. BK. =
 STA. 535+24.47 O.B. & I.B. AND

WASHINGTON METROPOLITAN
 AREA TRANSIT AUTHORITY
 AS-BUILT CONDITION
 MAY 03 1978
 REGENT ENGINEER



ELEVATION

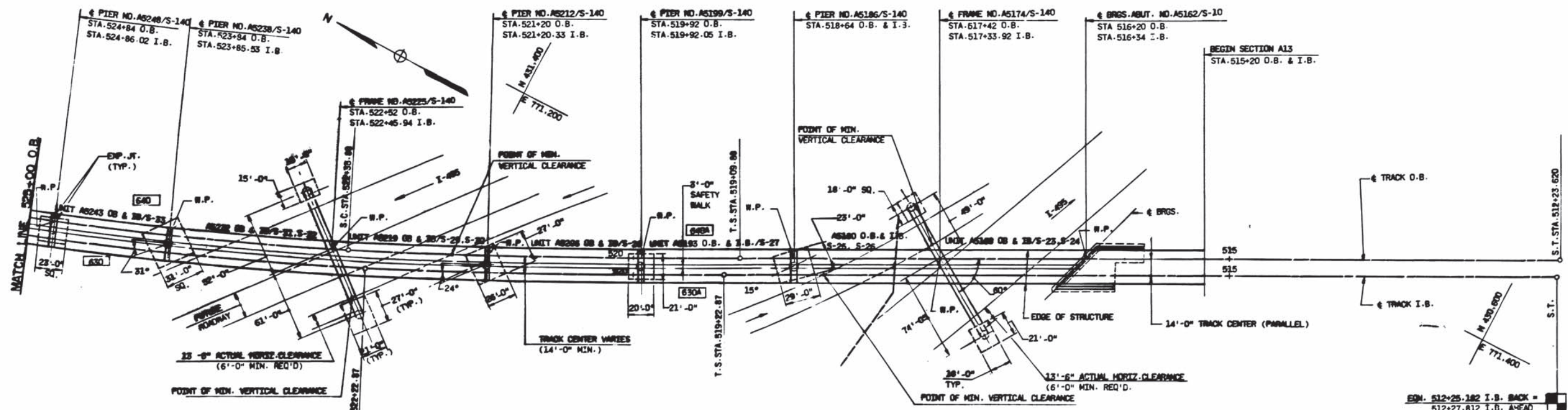
DESIGNED C.P. LEE 12/74
 DRAWN G. PAROLFINO 12/74
 CHECKED A.M. PATEL 8/75
 APPROVED [Signature] 11/75

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A12-S-140	COLUMN SCHEDULE AND DETAILS		
A17-S-105	PIER FOOTING SCHEDULE AND UTIL. PROV. DETAIL		



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS
 DE LEUW, CATHNER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WEENE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

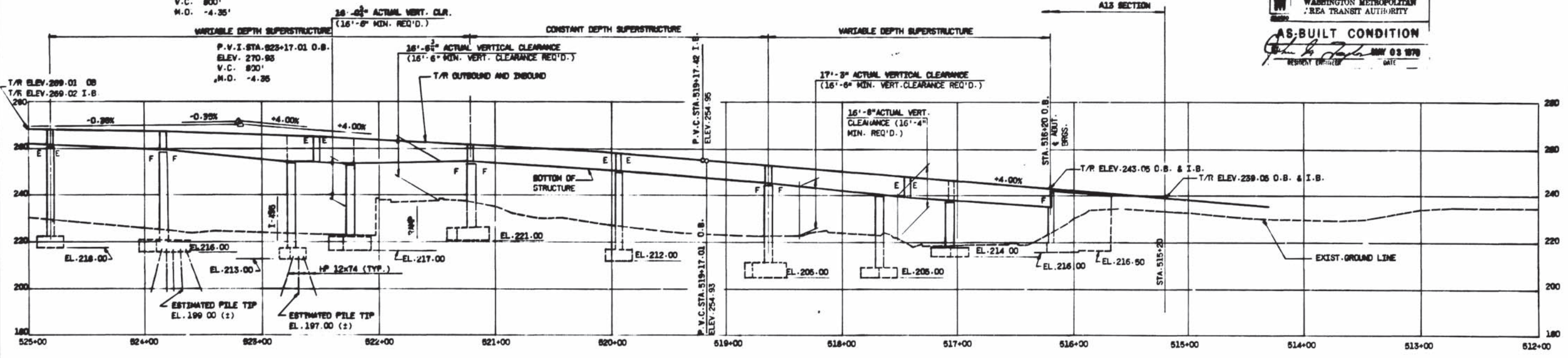
ROCKVILLE ROUTE
 AERIAL STRUCTURE
 KEY PLAN AND ELEVATION
 STA. 536+00 TO STA. 525+00 O.B. AND I.B.
 SCALE: HORZ. 1"=40', VER. 1"=20'
 DRAWING NO. A13-S-3 M220-219



PLAN

P.V.I. STA. 925+17.42 I.B.
 ELEV. 270.95
 V.C. 800'
 M.O. -4.35'

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 RESIDENT ENGINEER DATE



ELEVATION

DESIGNED	C.P. LEE	12/78	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	G. PARODOLFINO	12/78	A12-S-140	COLUMN SCHEDULE AND DETAILS			
CHECKED	A.N. PATEL	1/79	A12-S-145	PIER FOOTING SCHEDULE AND UTIL. PRV. DETAIL			
APPROVED	<i>[Signature]</i>	1/79	A13-S-10	PLAN AND ELEVATION ABUT. AS162 O.B. AND I.B.			

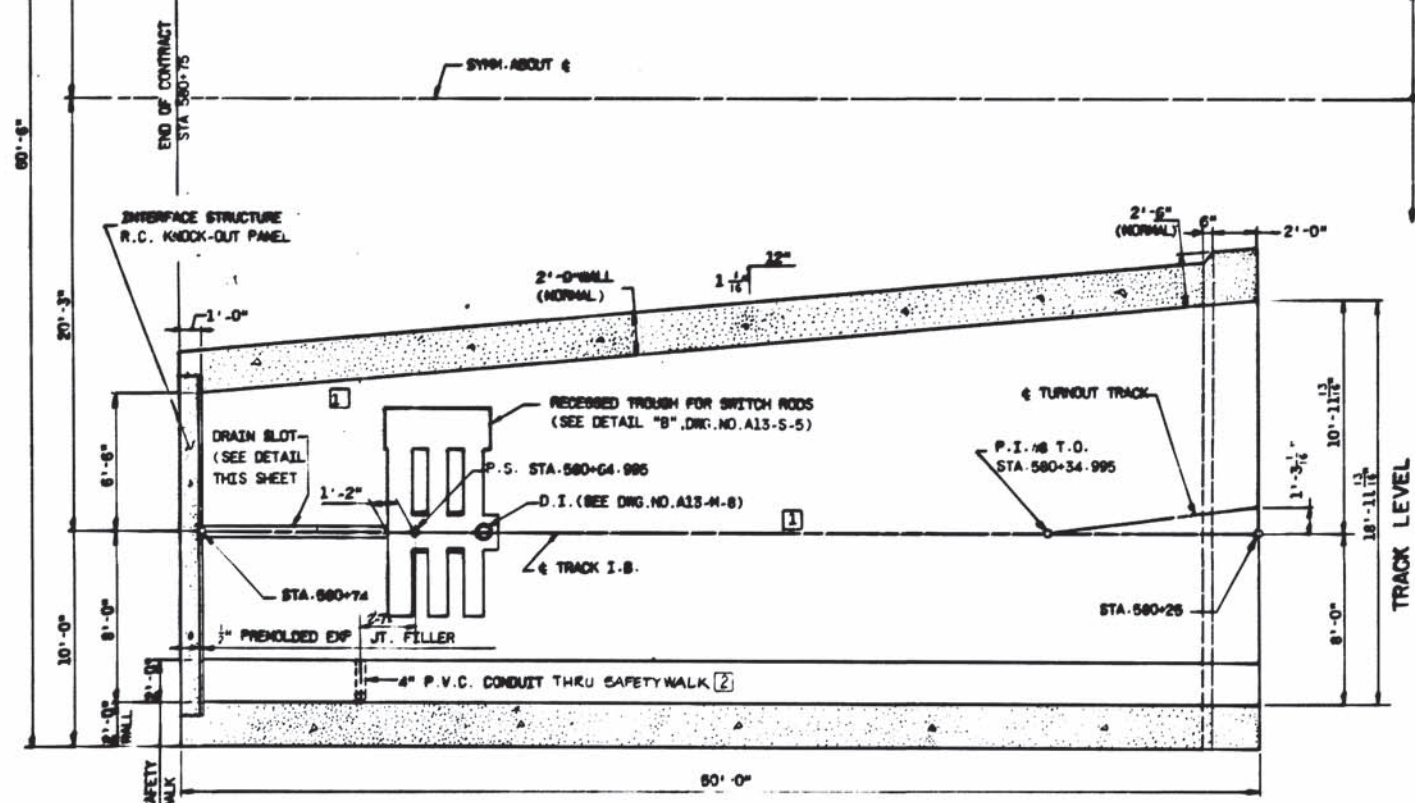
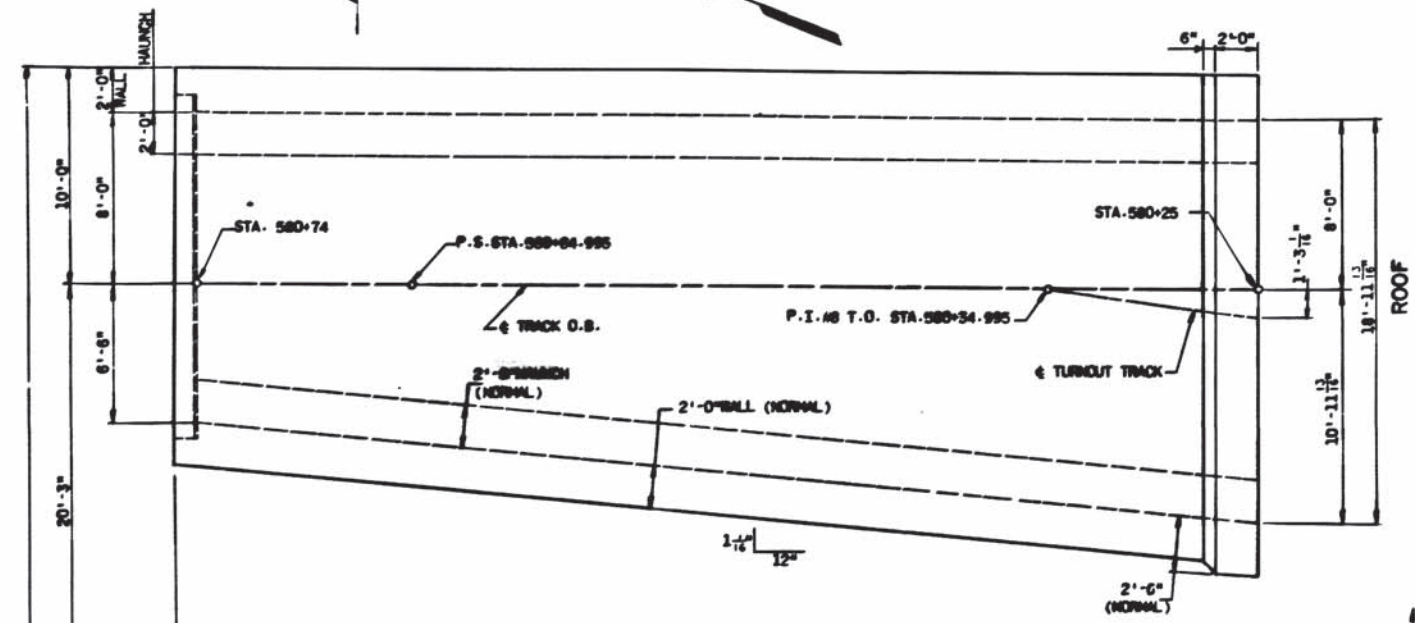
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHY & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WESSE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTING

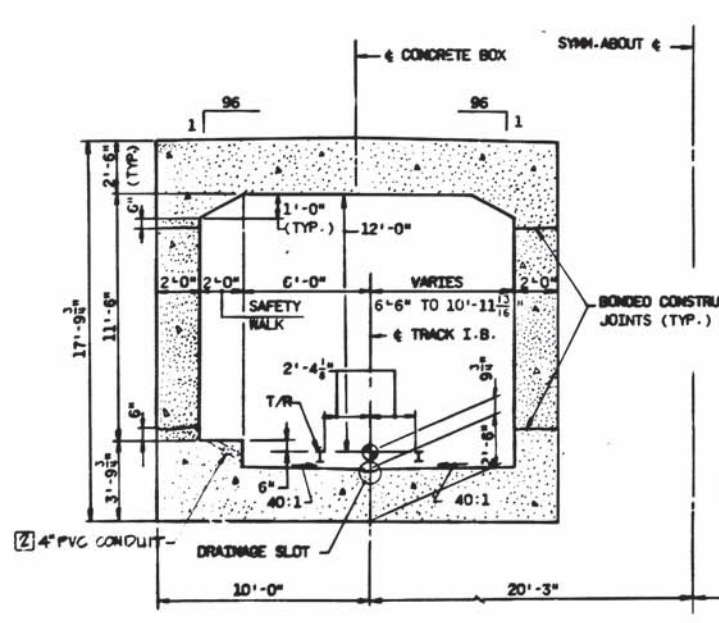
SUBMITTED *[Signature]*
 APPROVED *[Signature]*

ROCKVILLE ROUTE
 AERIAL STRUCTURE
 KEY PLAN AND ELEVATION
 STA. 525+00 TO STA. 515+20 O.B. AND I.B.

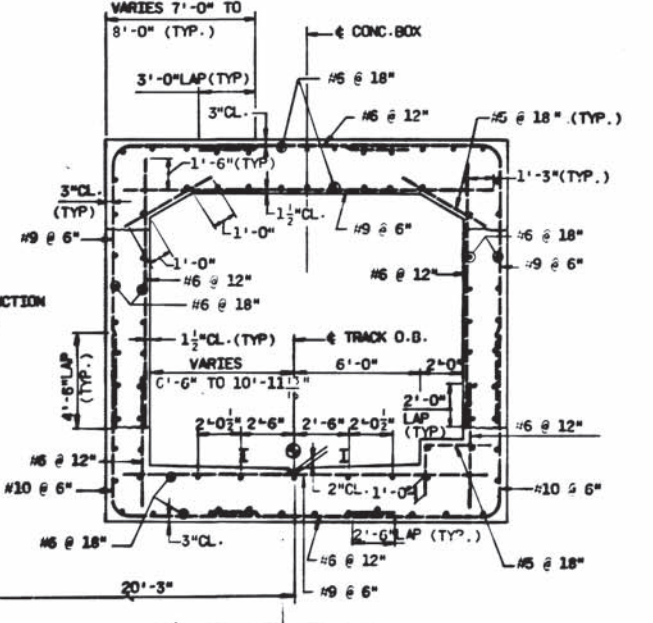
SCALE: HORIZ 1"=40' VERT 1"=20'
 DRAWING NO. A13-S-4 M220-220



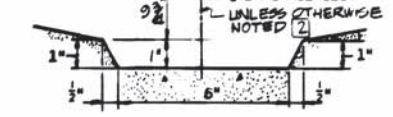
PLAN S-1



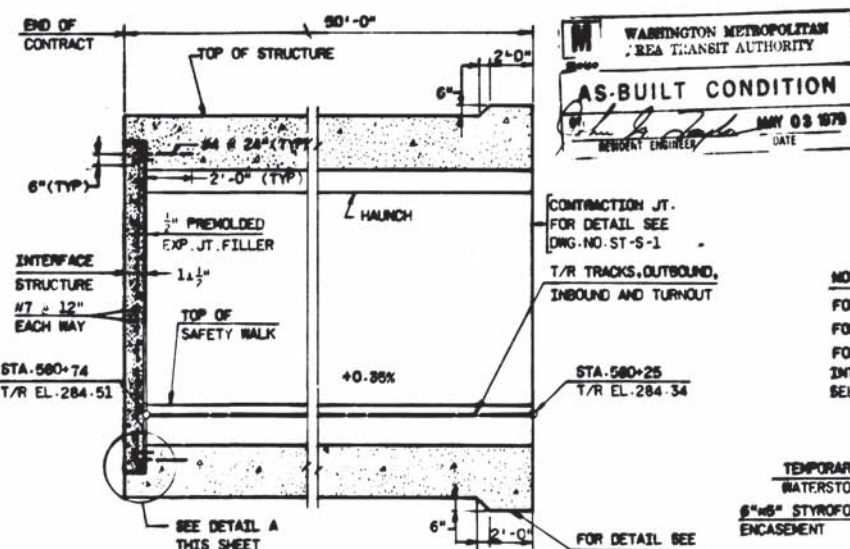
TYPICAL DIMENSIONS FOR CONC. BOX O.B. & I.B.



TYPICAL REINFORCING STEEL FOR CONC. BOX O.B. & I.B.

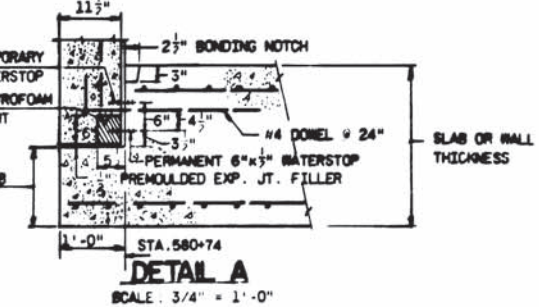


Drainage Slot Detail



ELEVATION-SECTION

NOTES:
 FOR LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED EQUIPMENT, SEE DWG. NO. A13-E-2 AND A13-E-5.
 FOR LOCATION OF FIRELINE, SEE DWG. NO. A13-M-29.
 FOR WATERPROOFING DETAILS SEE DWG. NO. ST-6-6.
 FOR ANCHORAGE CLEARANCE ENVELOPES SEE DWG. NO. A13-6-36.
 FOR ELECTRICAL BONDING OF REINF. STEEL SEE DWG. NO. ST-5-7.
 INTERFACE STRUCTURE SHALL BE ELECTRICALLY BONDED SEE DWG. NO. A13-S-171 FOR INTERFACE STRUCTURE BONDING DETAIL.



DETAIL A

DESIGNED	J. F. H. SMITH	11/78
DRAWN	A. N. PATEL	11/78
CHECKED	T. BRADZELSKI	8/78
APPROVED	<i>[Signature]</i>	10/78

NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
A13-S-1	KEY PLAN AND ELEV.	10/14/78	C.P.L.	1 | DRAWN SHOT OMITTED & ADD 8" P.V.C. CONDUIT PER P.C.O. #7
A13-S-5	PLAN AND SECTIONS UNIT A5700 (DETAIL B)	11/19/78	DAB	2 | REV FOR FIELD COND. AS-BUILT

NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
A13-S-1	KEY PLAN AND ELEV.	10/14/78	C.P.L.	1 | DRAWN SHOT OMITTED & ADD 8" P.V.C. CONDUIT PER P.C.O. #7
A13-S-5	PLAN AND SECTIONS UNIT A5700 (DETAIL B)	11/19/78	DAB	2 | REV FOR FIELD COND. AS-BUILT



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WEEBE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED *[Signature]* APPROVED *[Signature]*

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE
 PLAN AND SECTIONS
 UNIT A5805 & INTERFACE STRUCTURE

SCALE: 4" = 1'-0" AND AS NOTED

DRAWING NO. A13-S-34 M220-221

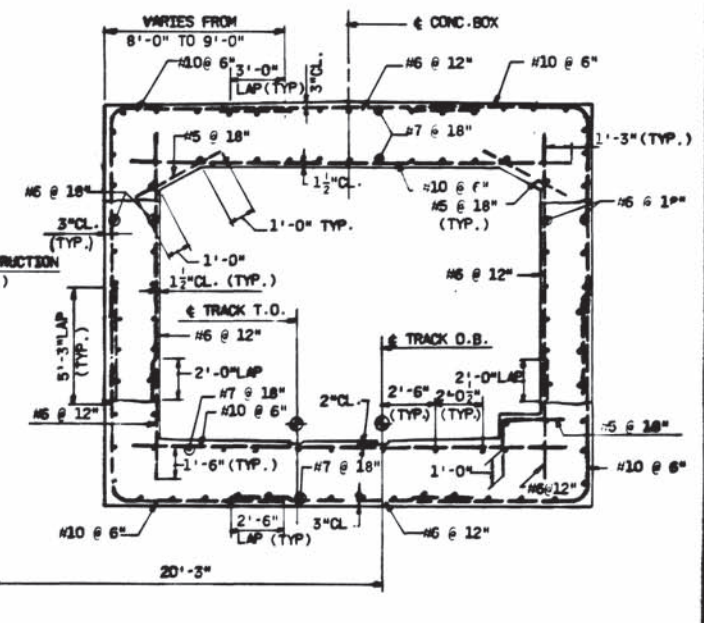
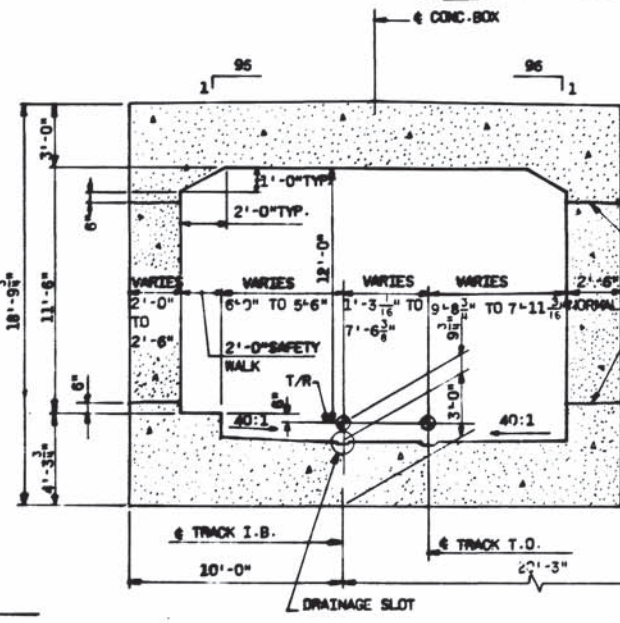
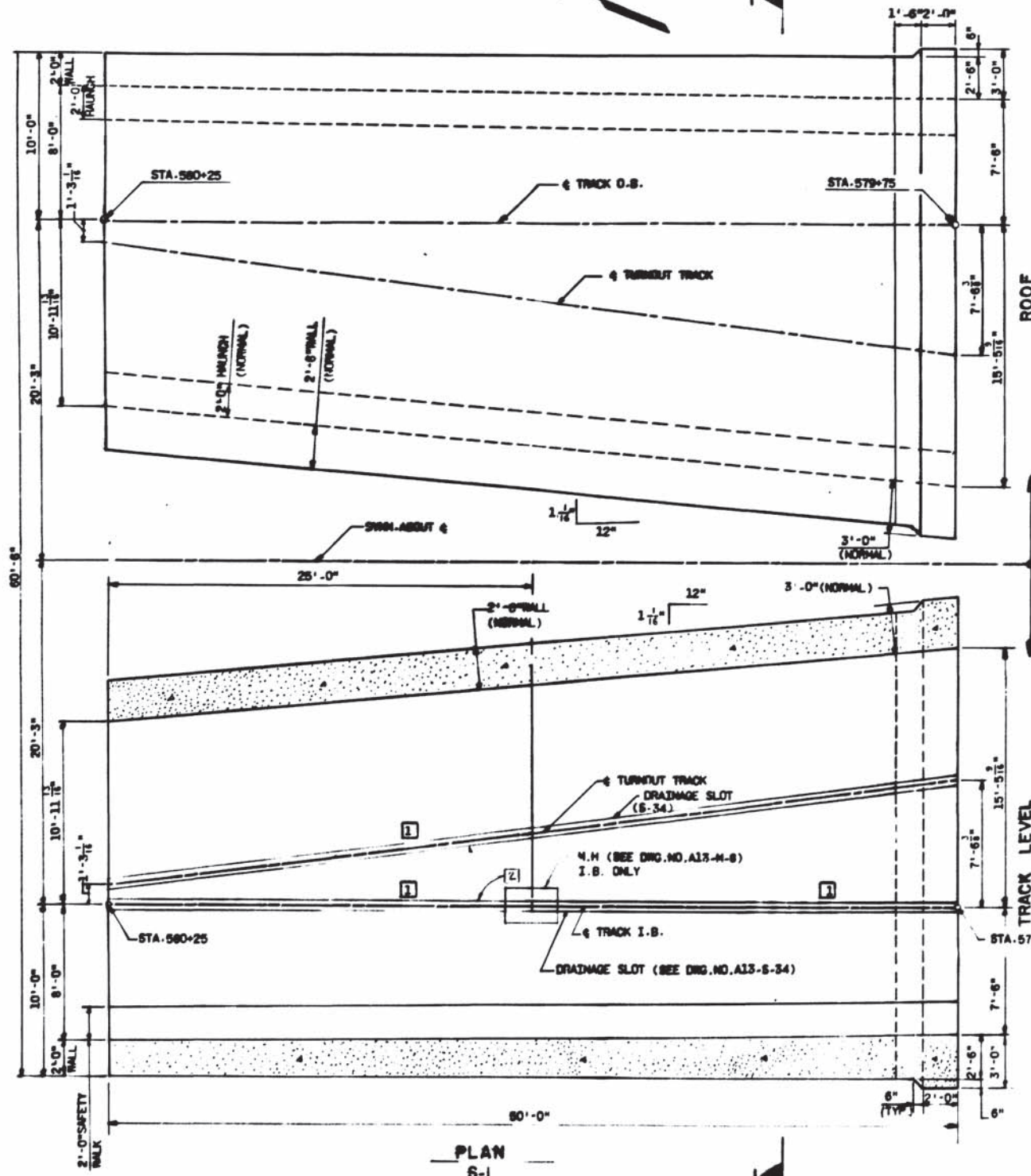
1 1



NOTES:

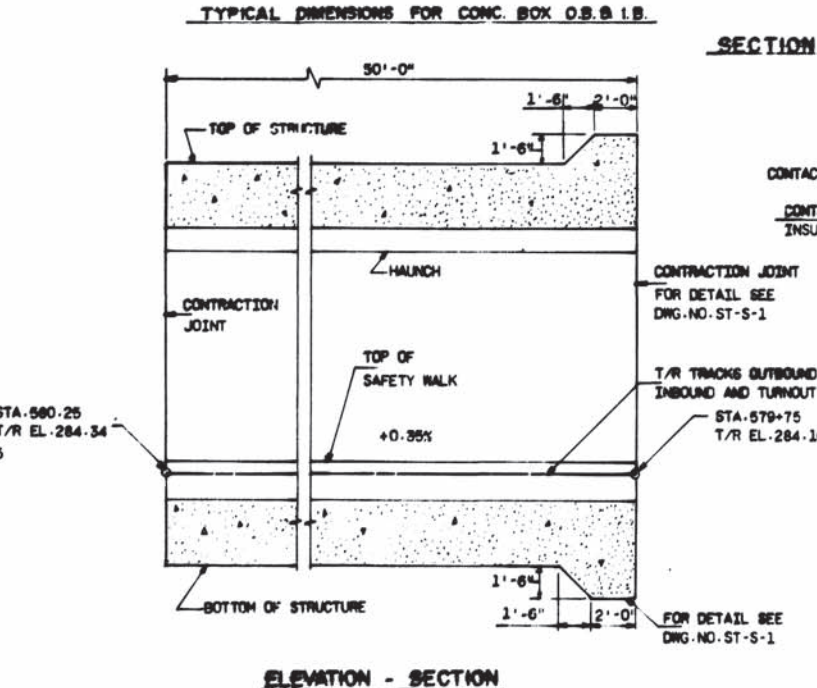
FOR WATERPROOFING DETAILS SEE DNG. NO. ST-S-6.
 FOR LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED EQUIPMENT, SEE DNG. NO. A13-E-2 AND A13-E-5.
 FOR LOCATION OF FIRELINE SEE DNG. NO. A13-N-29.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 DATE: MAY 03 1978
 BY: [Signature]

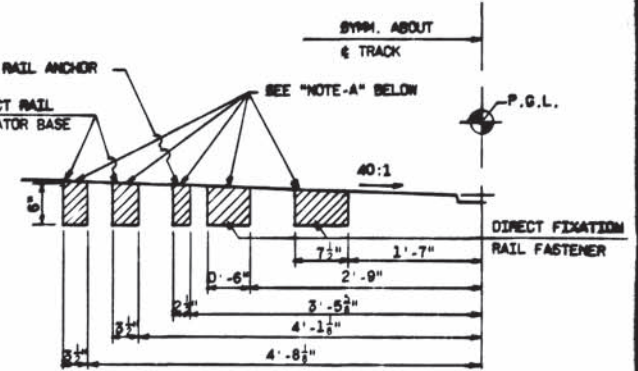


TYPICAL DIMENSIONS FOR CONC. BOX O.S. & I.B.

TYPICAL REINFORCING STEEL FOR CONC. BOX O.S. & I.B.



SECTION 1-1



NOTE-A:
 IN NO CASE SHALL TOP LONGITUDINAL REINFORCING STEEL AT THE CONC. SLAB ON GRADE ENROACH ON THE HATCHED AREA SHOWN. SEE DNG. NO. ST-S-1.

DESIGNED	J.F.N. SMITH	11/74	DATE
DRAWN	A.M. PATEL	11/74	DATE
CHECKED	T. MARZLAWSKI	8/77	DATE
APPROVED	[Signature]	10/77	DATE

NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
A13-S-1	KEY PLAN AND ELEV.	10/14/76	C.P.L.	1) RELOCATE MANHOLE & SHIFTED DRAIN SLOT PER P.C.O. #7
A13-S-34	PLAN AND SECT. UNIT ABGOS			
A13-N-8	CUT AND COVER DRAINAGE KEY PLAN	11/26/77	BAP	2) VERIFY PER FIELD COND. AS-BUILT.
ST-S-7	ELECTRICAL BONDING OF REINF. STEEL			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

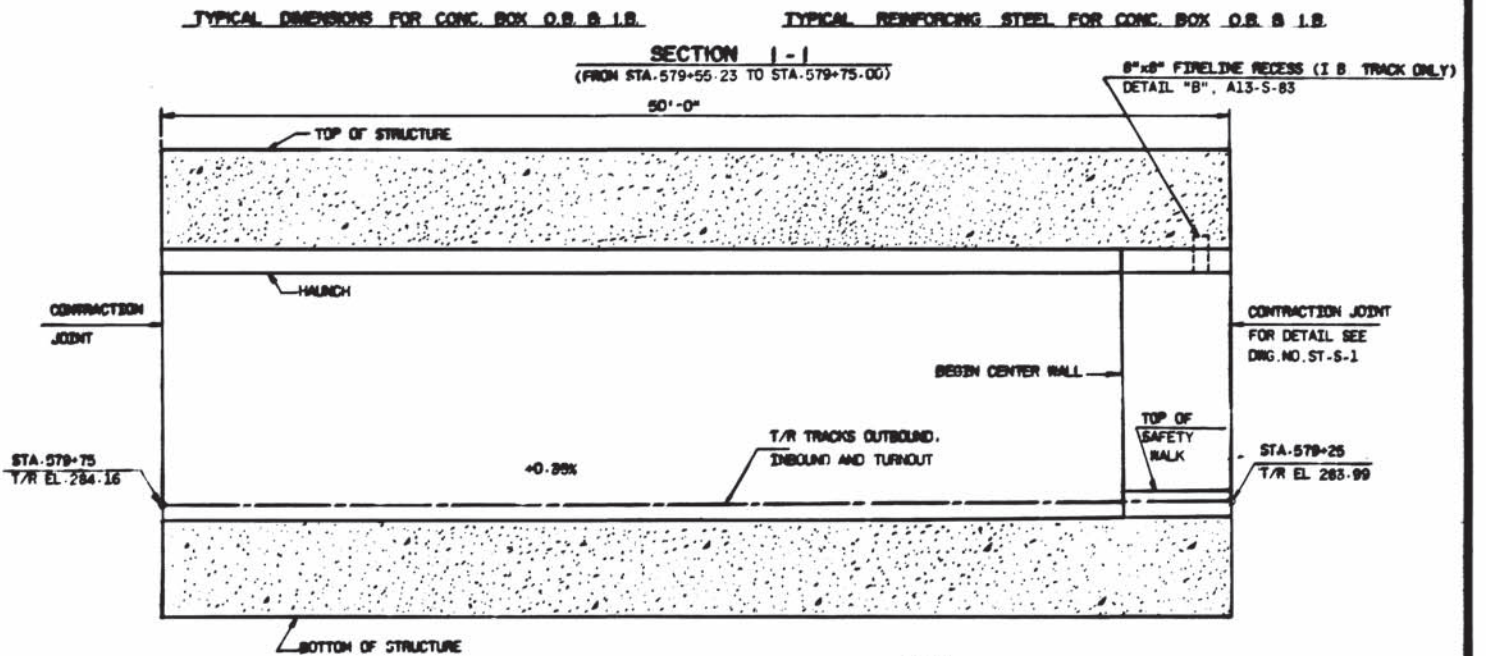
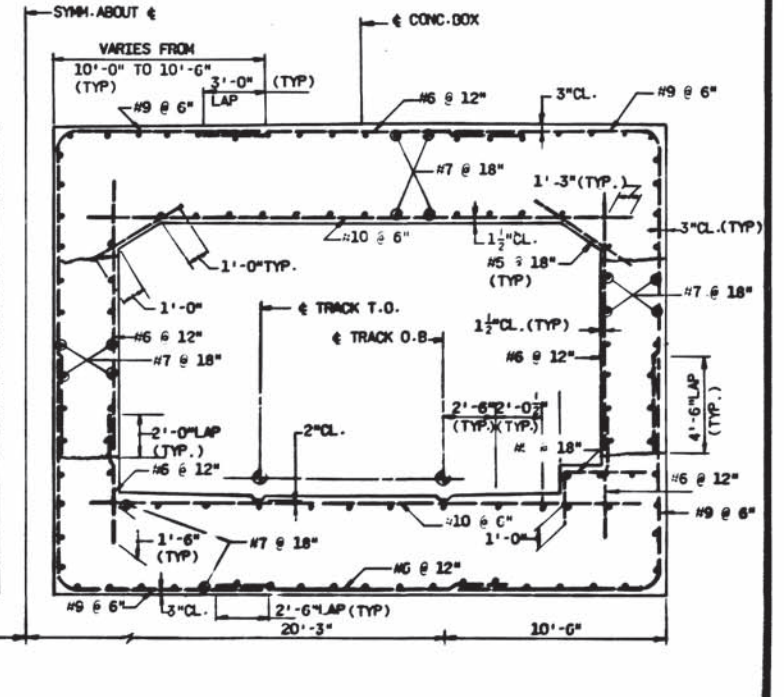
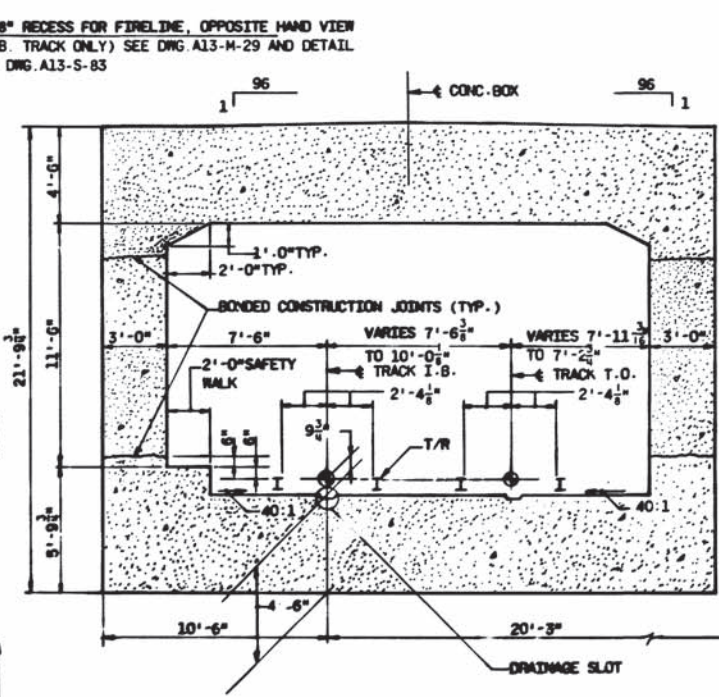
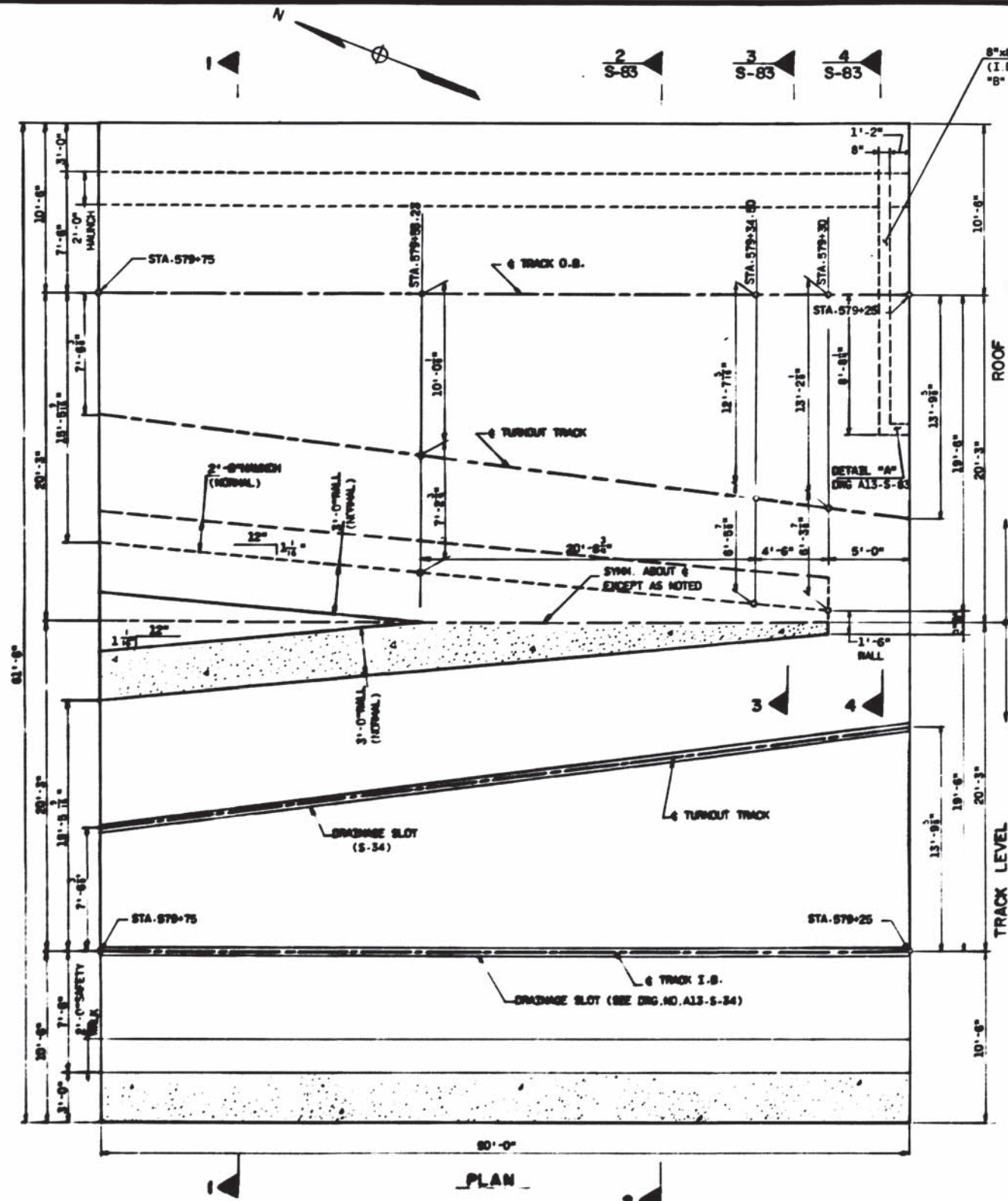
SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WISSE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE
 PLAN AND SECTIONS
 UNIT A 5800

DRAWING NO. A13-S-36
 M220-222



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
DATE 03/07/83

NOTE:
FOR LOCATION OF FIRELINE, SEE DWG. NO. A13-M-29
FOR WATERPROOFING DETAILS SEE DWG. NO. ST-S-6.
FOR ANCHORAGE CLEARANCE ENVELOPES SEE DWG. NO. A13-S-36.
FOR ELECTRICAL BONDING OF REINF. STEEL SEE DWG. NO. ST-S-7.
FOR LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED EQUIPMENT, SEE DWG. NO. A13-E-2

DESIGNED	J.J. BL. SH. TO	11/74
DRAWN	A.A. POPEL	11/74
CHECKED	T. ANTONIOWSKI	5/75
APPROVED	John D. ...	5/75

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A13-S-1	KEY PLAN AND SLOPE		
A13-S-60	SECTIONS AND DETAILS UNIT A5795		
A13-S-84	PLAN AND S.E.C.T. UNIT A5795 (DRAINAGE SLOT)		



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHIER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WISSE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

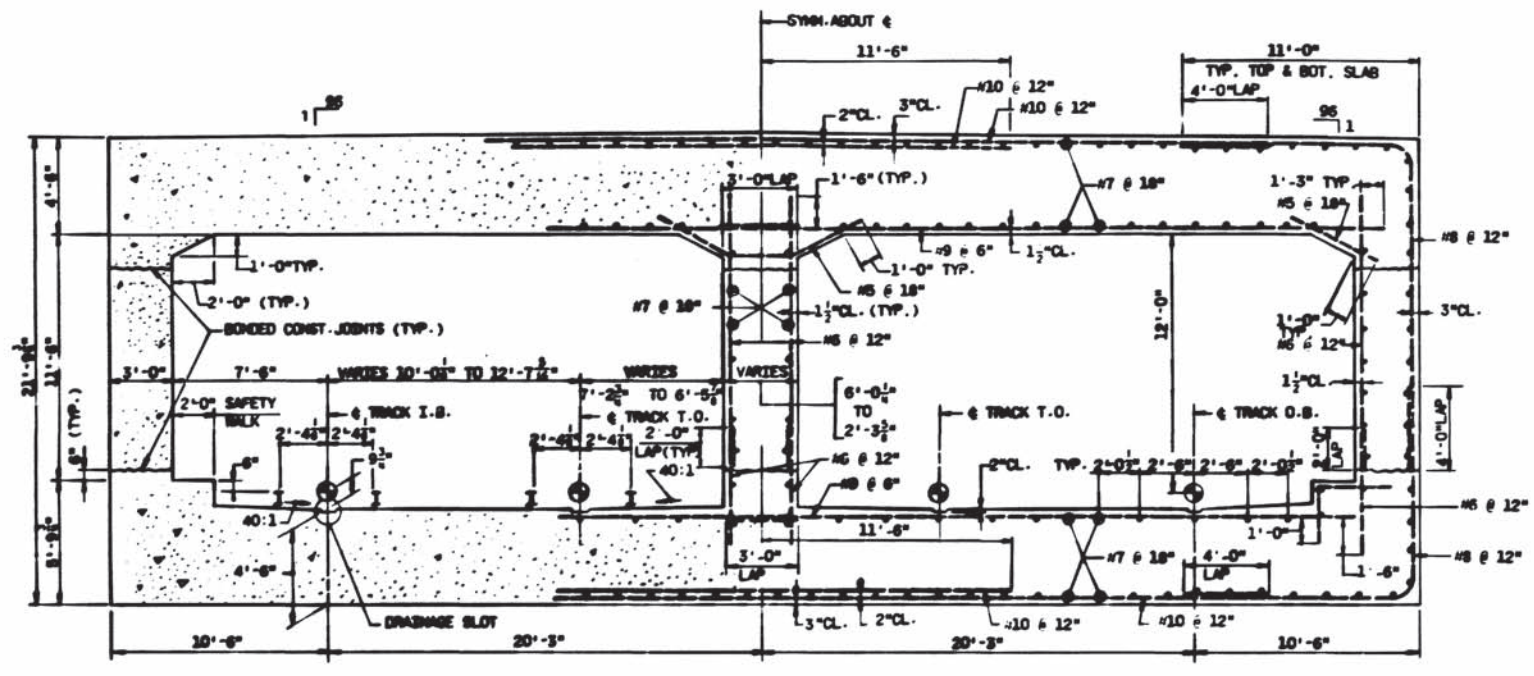
APPROVED: *[Signature]*

ROCKVILLE ROUTE
CUT AND COVER STRUCTURE
PLAN AND SECTIONS
UNIT A 5795

SCALE: 1/4" = 1'-0"

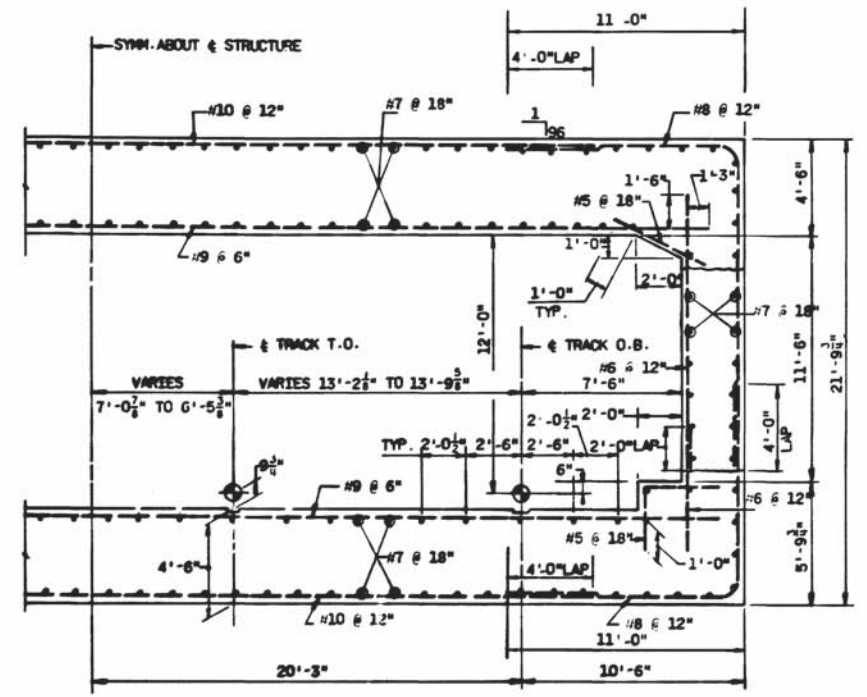
DRAWING NO. A13-S-37

M220-223

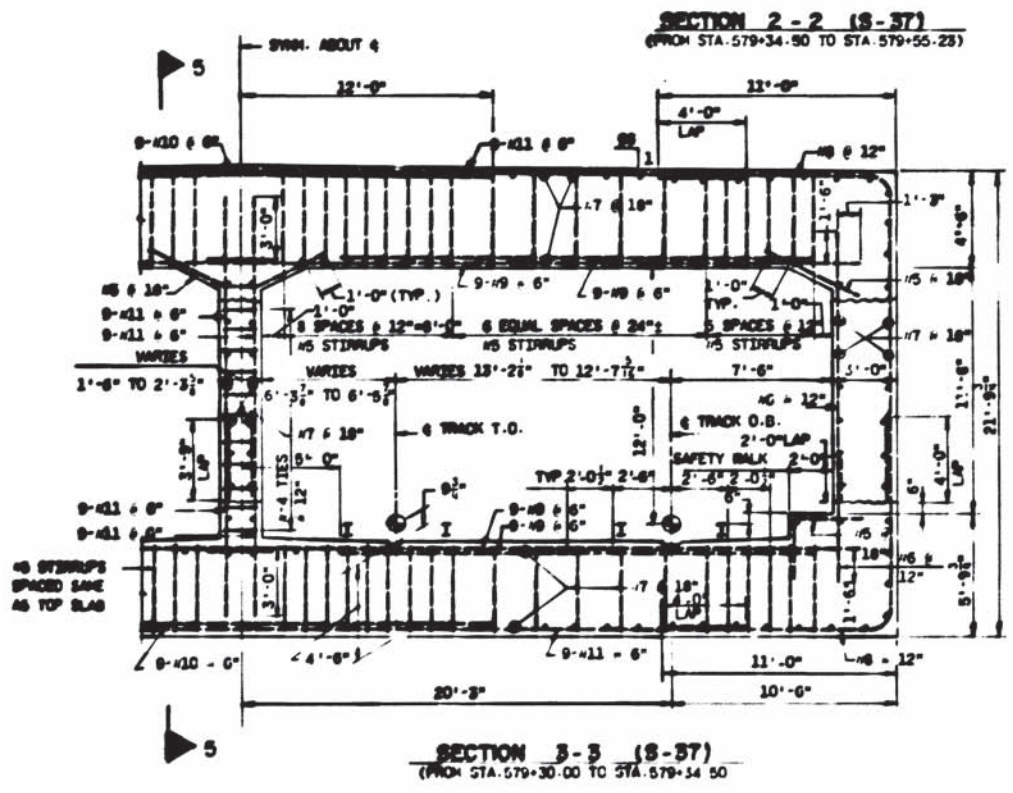


TYPICAL DIMENSIONS

TYPICAL REINFORCING STEEL

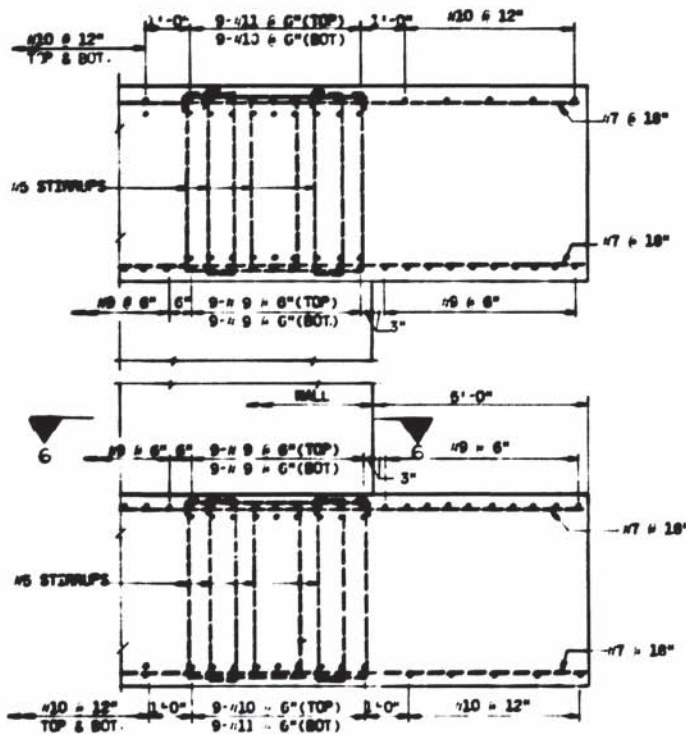


SECTION 4-4 (S-37)
(FROM STA. 579+25 TO STA. 579+30)

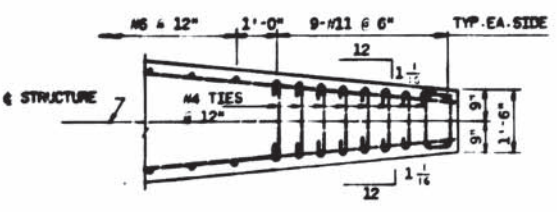


SECTION 2-2 (S-37)
(FROM STA. 579+34.50 TO STA. 579+55.25)

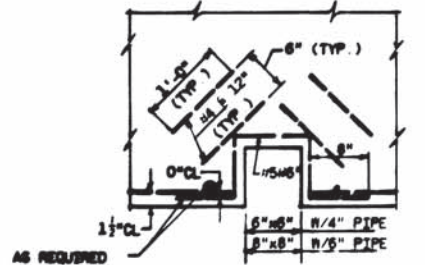
SECTION 3-3 (S-37)
(FROM STA. 579+30.00 TO STA. 579+54.50)



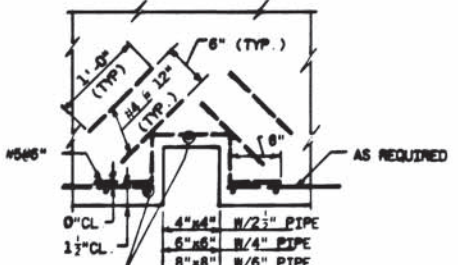
SECTION 5-5
SCALE: 1/2" = 1'-0"



SECTION 6-6
SCALE: 1/2" = 1'-0"



DETAIL A (S-37, S-17, S-42, S-43)
(LONGITUDINAL FIRELINE RECESS)
SCALE: 1" = 1'-0"



DETAIL B (S-58, S-37, S-59, S-17, S-42)
(TRANSVERSE FIRELINE RECESS)
SCALE: 1" = 1'-0"

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
MAY 03 1978
RESIDENT ENGINEER

REVISIONS	DATE	BY	DESCRIPTION
1	12/74	J.F.M. BHT	SET PLAN AND ELEV.
2	12/76	J.F.M. BHT	PLAN AND SECTIONS UNIT #275
3	4/78	T. BRIDGES	PLAN AND SECTIONS UNIT #480 (CL. DEVELOP)

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHY & COMPANY
GENERAL ENGINEERING CONSULTANT

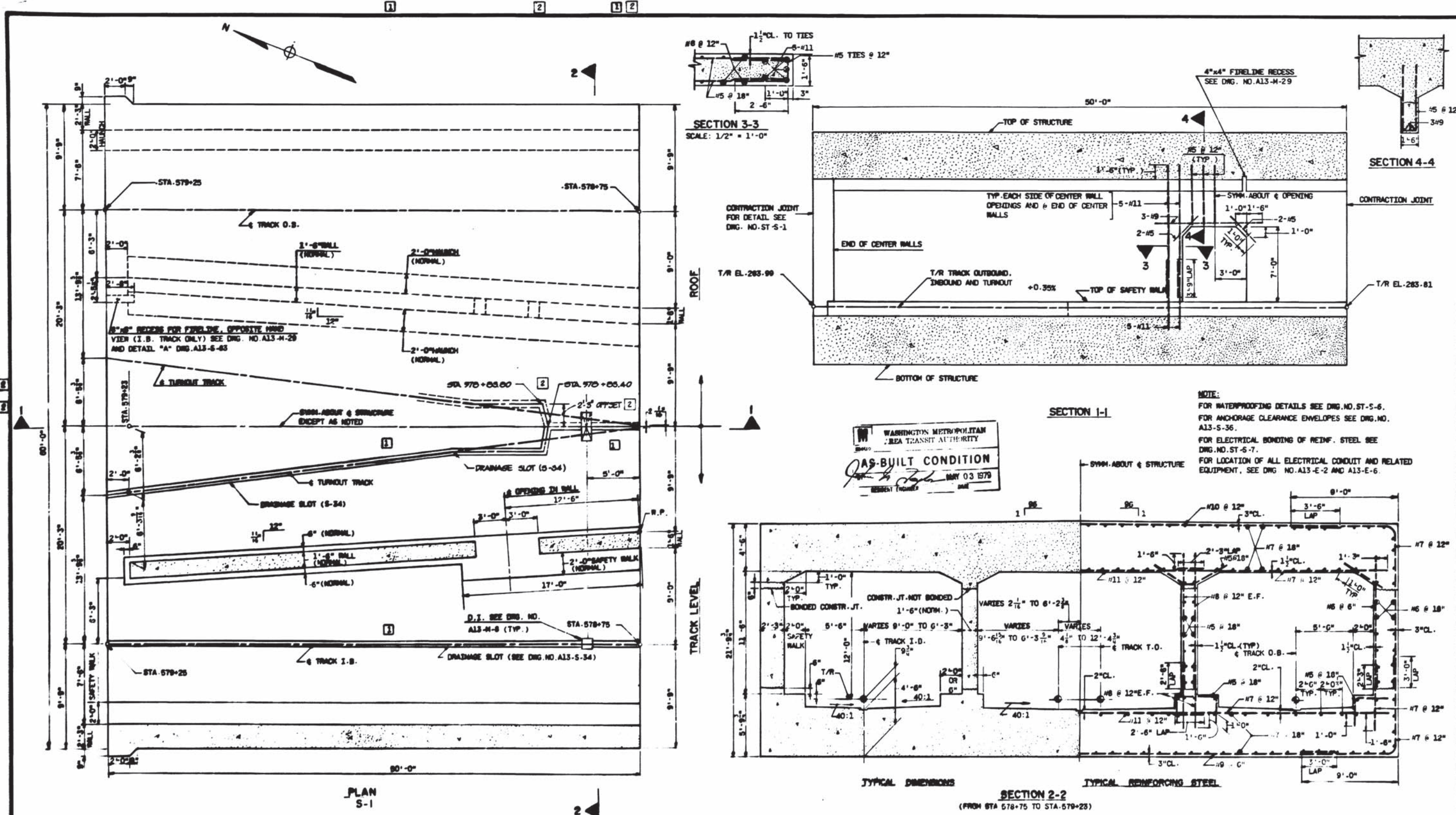
HARRY WEEBE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

ROCKVILLE ROUTE
CUT AND COVER STRUCTURE
SECTIONS AND DETAILS
UNIT A5795

SCALE: 1/2" = 1'-0" AND AS NOTED

DRAWING NO. **A13 - S - 83**

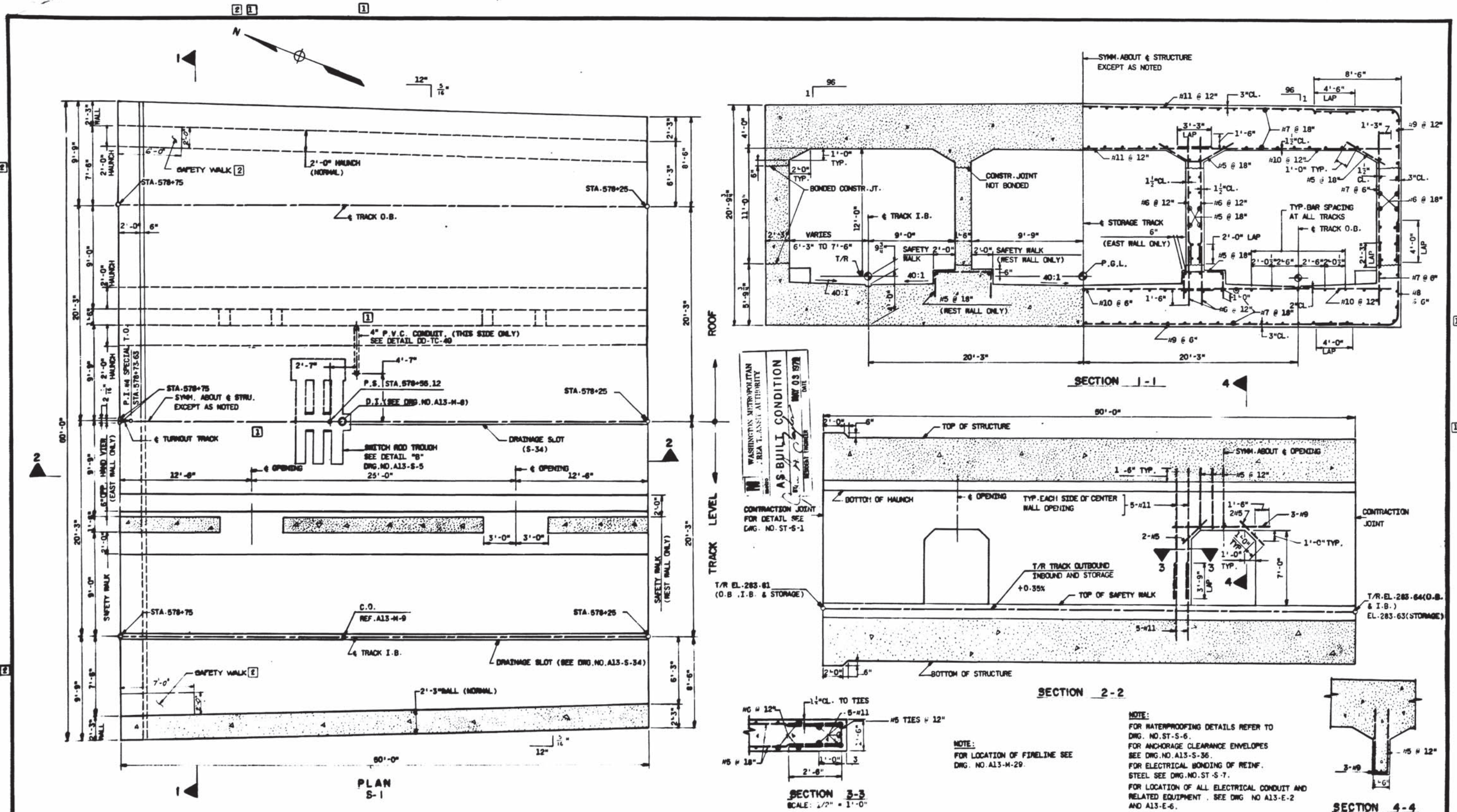
M220-224



DESIGNED	J. P. ALBRECHT	12/78
DRAWN	A. M. PATEL	12/78
CHECKED	T. BRIDGES	6/79
APPROVED	<i>[Signature]</i>	

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A13-S-1	KEY PLAN AND ELEV.	10/18/78	S.P.
A13-S-20	PLAN AND SECT. UNIT AIDS (DRAINAGE SLOT)		P.C.B.*7
A13-S-8	CUT AND COVER DRAWING, KEY PLAN	10/18/78	J.H.U.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		ROCKVILLE ROUTE	
SECTION DESIGNER BUCHART-HORN CONSULTING ENGINEERS AND PLANNERS		GENERAL ENGINEERING CONSULTANT DE LEUW, CATHAR & COMPANY	
SUBMITTED <i>[Signature]</i>		GENERAL ARCHITECTURAL CONSULTANT HARRY WEISER & ASSOCIATES	
APPROVED <i>[Signature]</i>		DRAWING NO. A13-S-42	
		M220-225	



DESIGNED		DRAWN		CHECKED		APPROVED	
J. F. N. BIRTH	1/75	J. F. N. BIRTH	1/75	T. AMRZLJENSKI	6/75	<i>[Signature]</i>	<i>[Signature]</i>

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A13-S-1	KEY PLAN AND ELEV.	10/18/76	S.P.
A13-S-24	PLAN AND SECT. UNIT 2600 (DRAINAGE SLOT)		
A13-S-5	PLAN AND SECT. UNIT 2670 (DETAIL B)	5/20/78	THUY

REVISIONS	
NO.	DESCRIPTION
1	DELETE DR. SLOT & ADD 4" P.V.C. CONDUIT, PER P.C.O.-7
2	REVISED PER FIELD CONDITION (AS-BUILT)

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHIER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WEEBE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

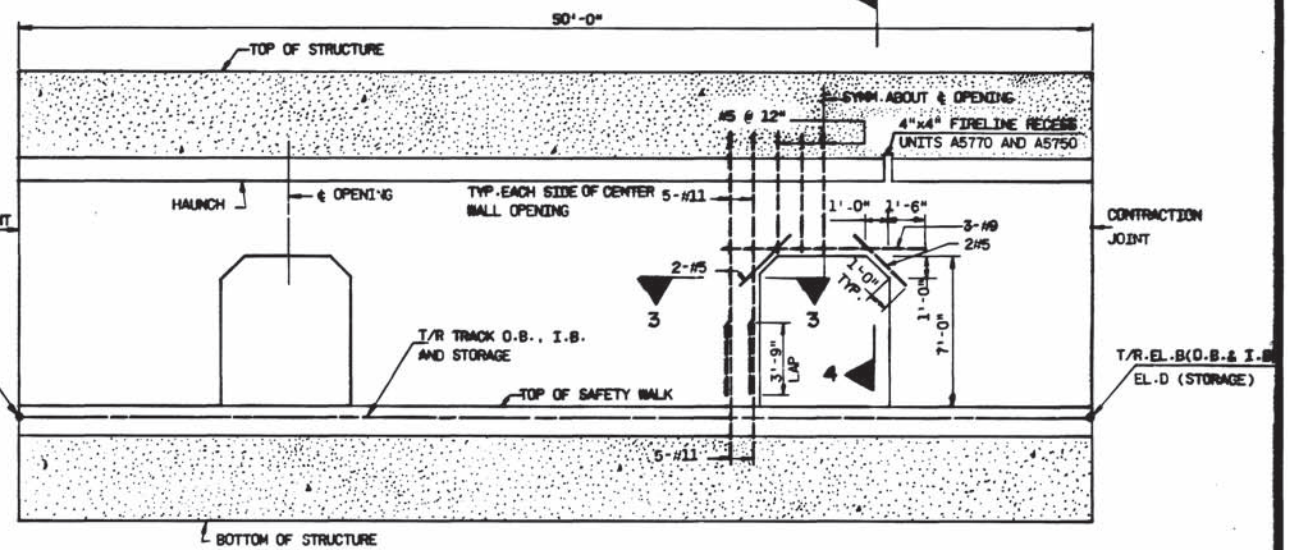
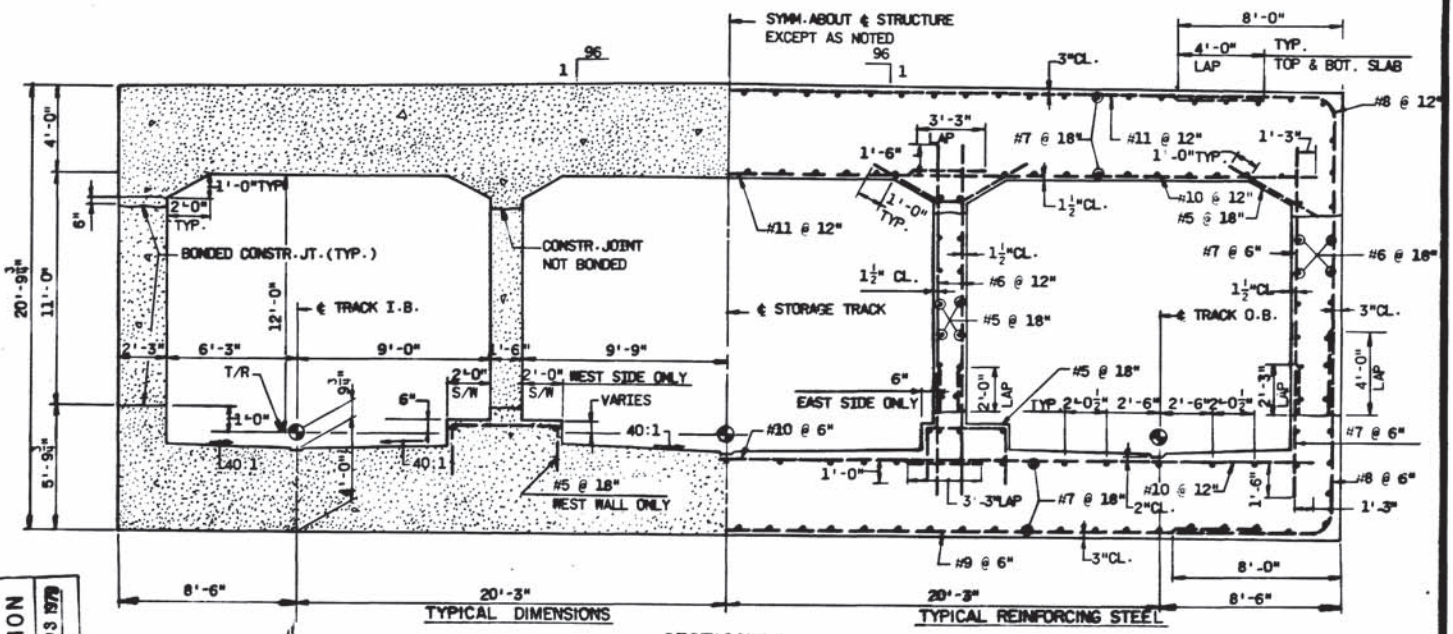
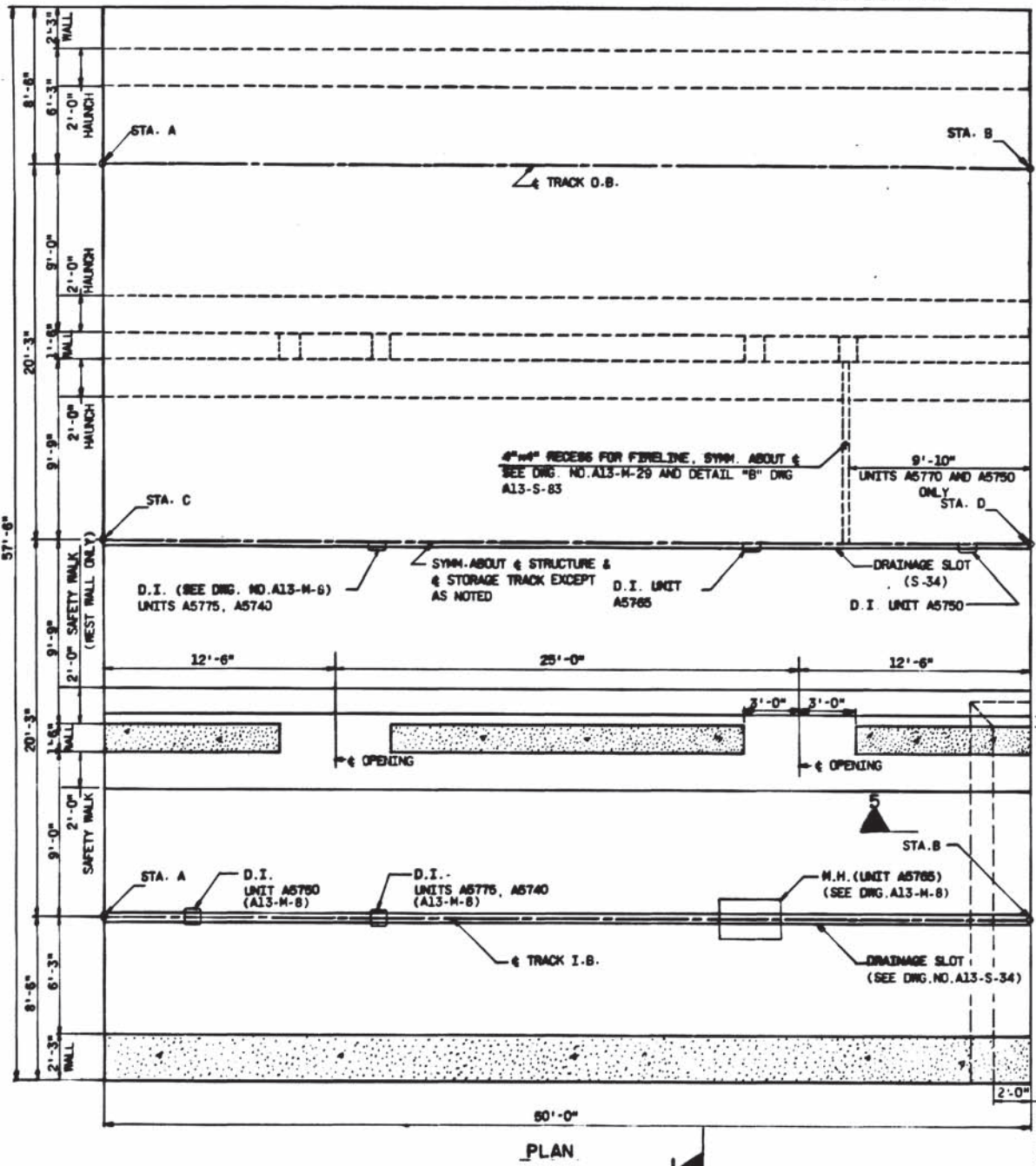
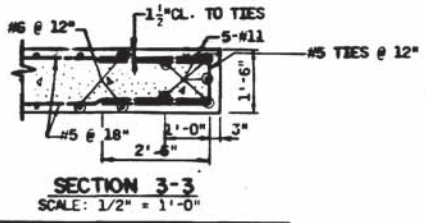
SCALE: 1/2" = 1'-0"

ROCKVILLE ROUTE
CUT AND COVER STRUCTURE
PLAN AND SECTIONS
UNIT A 5785

SCALE: 1/4" = 1'-0"

DRAWING NO. **A13-S-86**

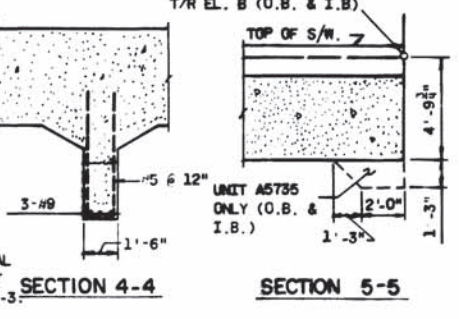
M220-226



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 AS-BUILT CONDITION
 DATE: MAY 05 1978
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]

UNIT	STA. "A"	STA. "D"	STA. "C"	STA. "D"	T/R. EL. A	T/R. EL. B	T/R. EL. C	T/R. EL. D
A 5780	578+25	577+75	578+25	577+75	283.64	283.40	283.63	283.37
A 5775	577+75	577+25	577+75	577+25	283.46	283.29	283.37	283.02
A 5770	577+25	576+75	577+25	576+75	283.29	283.11	283.02	282.57
A 5765	576+75	576+25	576+75	576+25	283.11	282.94	282.57	282.04
A 5760	576+25	575+75	576+25	575+75	282.94	282.76	282.04	281.58
A 5755	575+75	575+25	575+75	575+25	282.76	282.59	281.58	281.31
A 5750	575+25	574+75	575+25	574+75	282.59	282.41	281.31	281.23
A 5745	574+75	574+25	574+75	574+25	282.41	282.24	281.23	281.34
A 5740	574+25	573+75	574+25	573+75	282.24	282.06	281.34	281.52
A 5735	573+75	573+25	573+75	573+25	282.06	281.89	281.52	281.62

NOTE:
 FOR WATERPROOFING DETAILS SEE DWG. NO. ST-S-5.
 FOR ANCHORAGE CLEARANCE ENVELOPES SEE DWG. NO. A13-S-36.
 FOR TRANSITION DETAILS AT UNIT A5735 SEE DWG. NO. ST-S-1.
 FOR ELECTRICAL BONDING OF REINF. STEEL SEE DWG. NO. ST-S-7.
 FOR LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED EQUIPMENT SEE DWG. NO. A13-E-2 AND A13-E-3.



DESIGNED	DRAWN	CHECKED	APPROVED	REFERENCE DRAWINGS		REVISIONS	
				NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
J. P. H. SMITH	M. R. SHUK	T. ANDRZEJEWSKI	[Signature]	A13-S-1	KEY PLAN AND ELEV.		
				A13-S-34	PLAN AND SECT. UNIT A5735 (DRAINAGE SLOT)		
				A13-M-8	CUT AND COVER DRAINAGE - KEY PLAN		
				A13-M-15	PART PLANS & DETAILS - PLUMBING		
				ST-S-1	TYP. DETAILS AND REINF.		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

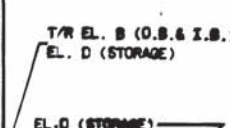
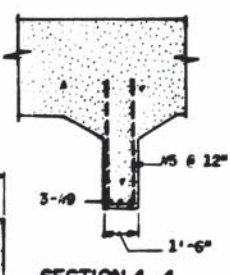
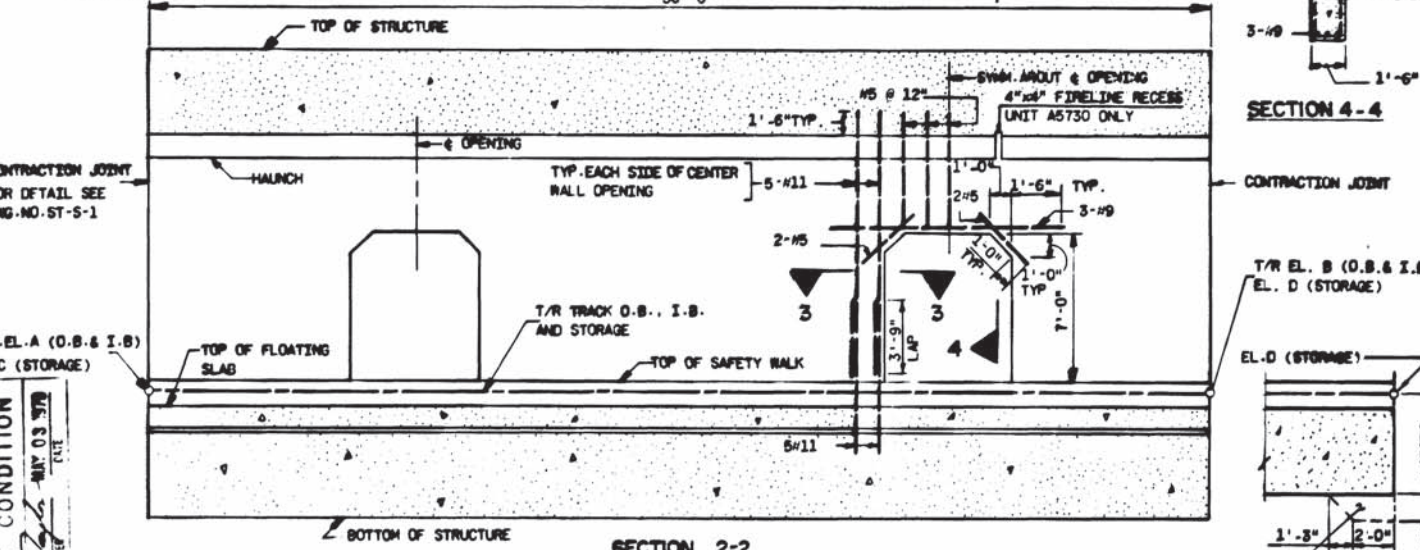
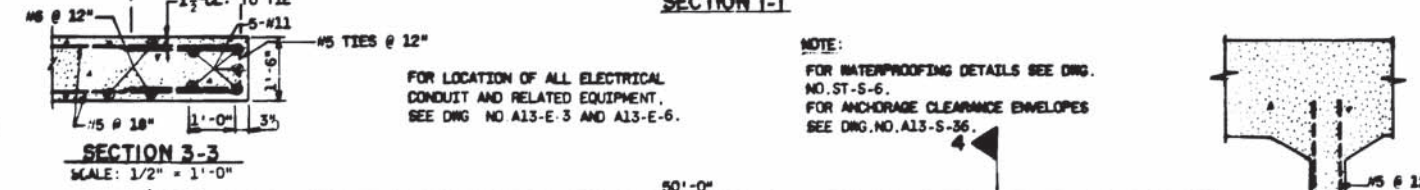
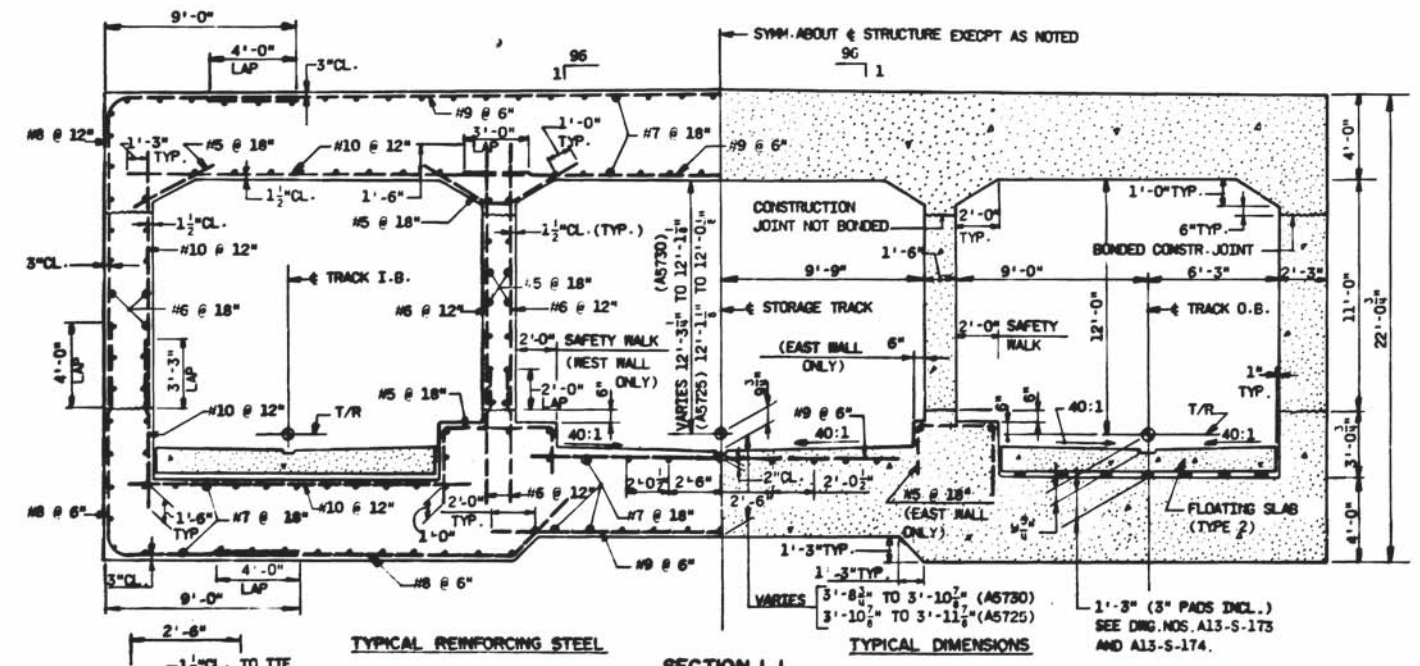
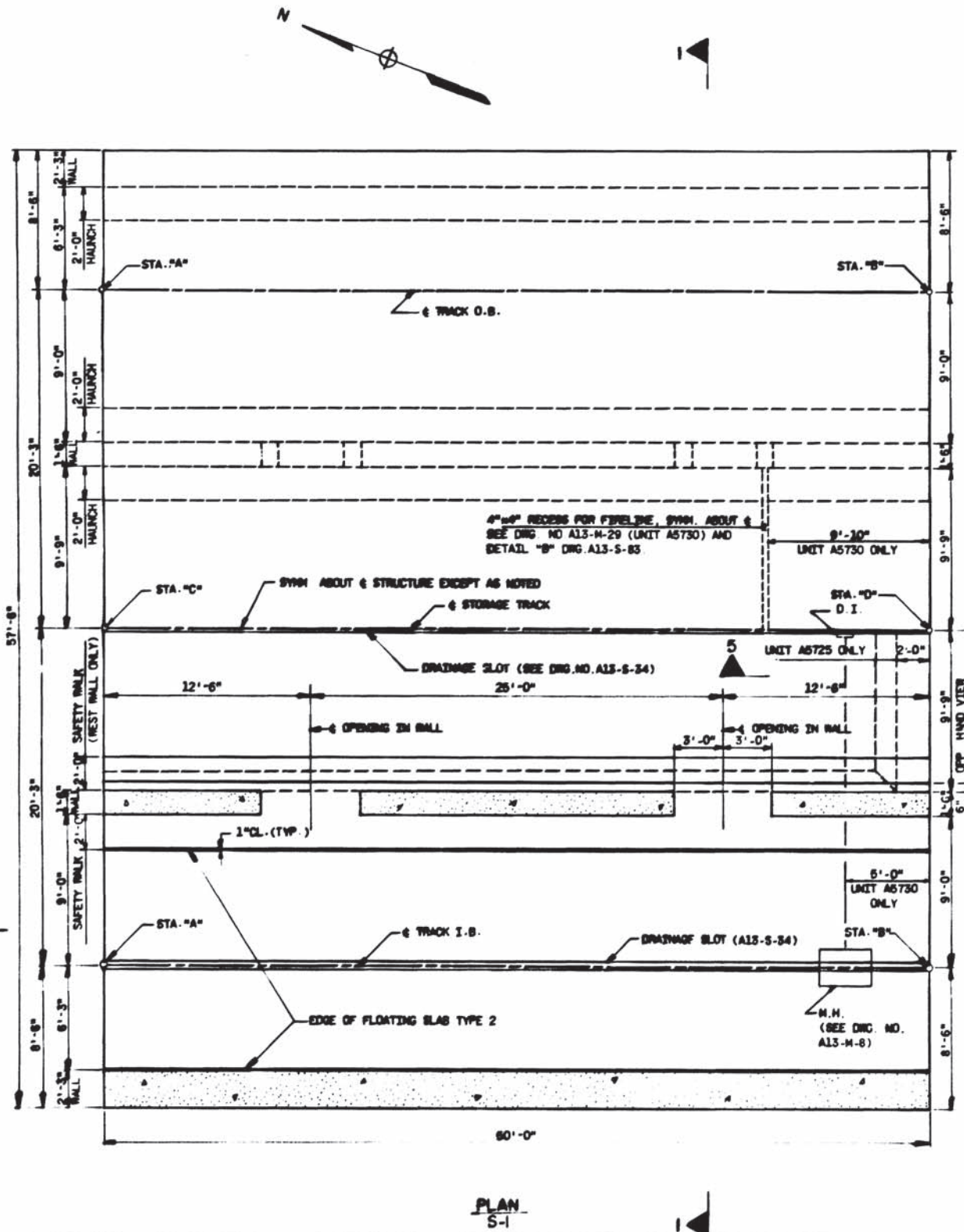
SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHAR & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WEZENE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE - PLAN AND SECTIONS
 UNITS: A5735, A5740, A5745, A5750, A5755, A5760, A5765, A5770, A5775, A5780

DRAWING NO. A13-S-58 M220-227



UNIT	STA. "A"	STA. "B"	STA. "C"	STA. "D"	T/R EL. "A"	T/R EL. "B"	T/R EL. "C"	T/R EL. "D"
A5730	573+25	572+75	573+25	572+75	281.80	281.71	281.62	281.62
A5725	572+75	572+25	572+75	572+25	281.71	281.64	281.62	281.53

DESIGNED	J.F.M. SMITH	12/74	NO.	12/74	DATE	BY	DESCRIPTION
DRAWN	A.M. PATEL	12/74	A13-S-1	KEY PLAN AND ELEV.			
CHECKED	T. AMRZELAWSKI	6/75	A13-S-24	PLAN AND SECT. UNIT A5730 (DRAINAGE SLOT)			
APPROVED	Ted. R...	12/75	A13-S-173	FLOATING SLAB DETAILS			
			A13-S-174	FLOATING SLAB DETAILS			
			A13-M-8	CUT AND COVER DRAINAGE KEY PLAN			
			31-3-7	ELECTRICAL BONDING OF REINFT. STEEL			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WEZBE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

ROCKVILLE ROUTE
CUT AND COVER STRUCTURE
PLAN AND SECTIONS
UNITS A5725 & A5730

SCALE: 1/2" = 1'-0" AND AS NOTED

DRAWING NO. **A13-S-59**

M220-228

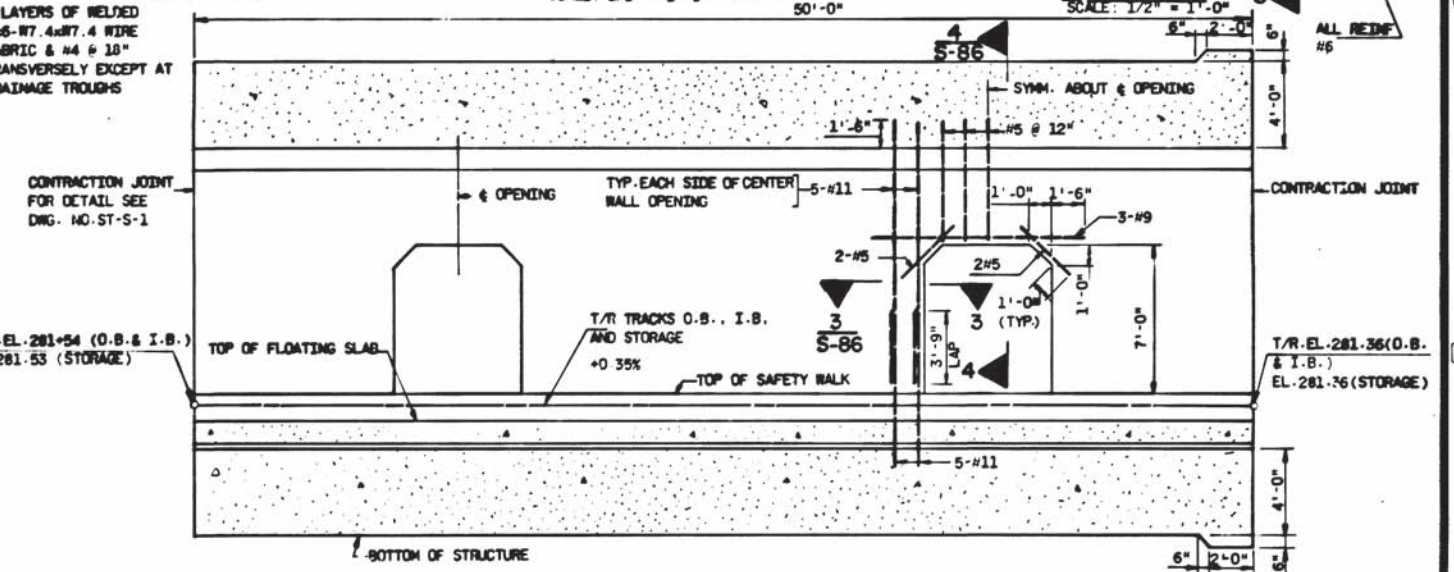
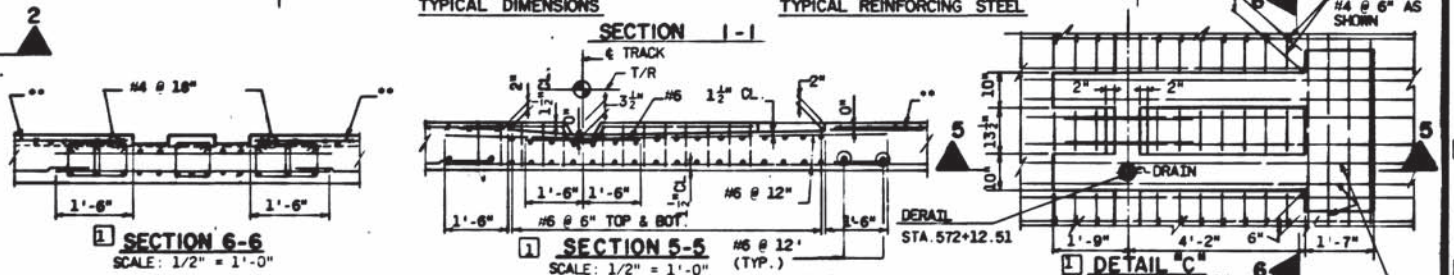
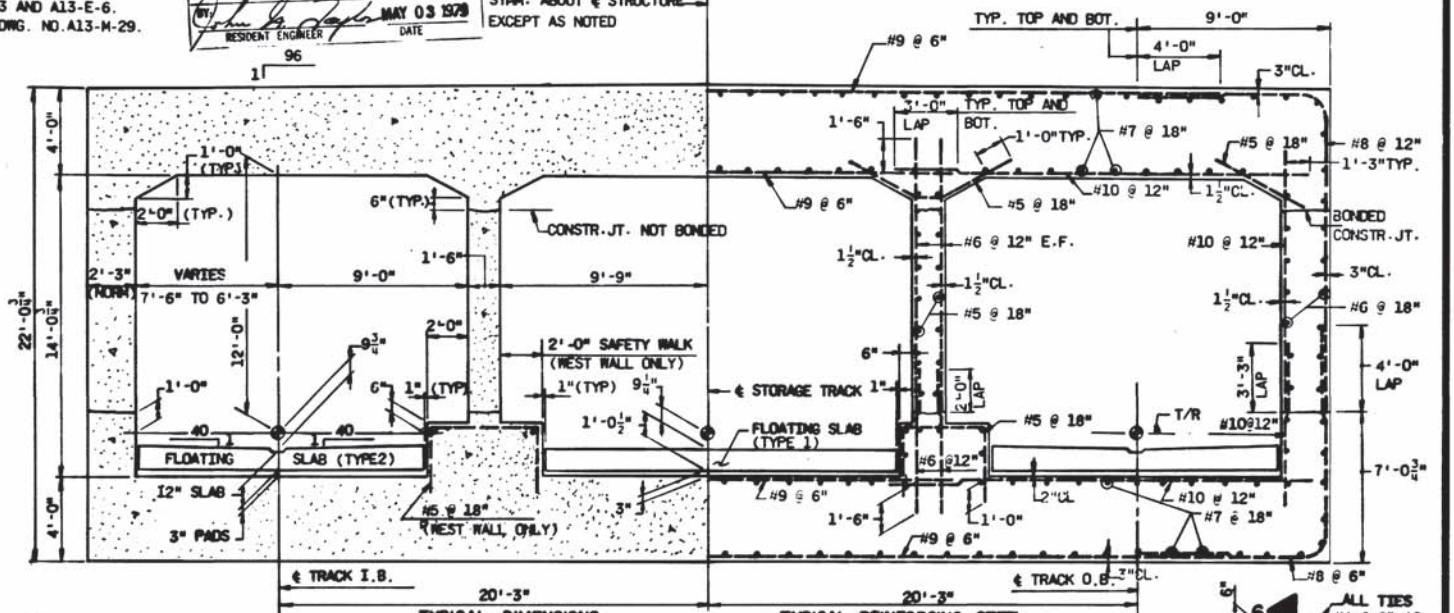
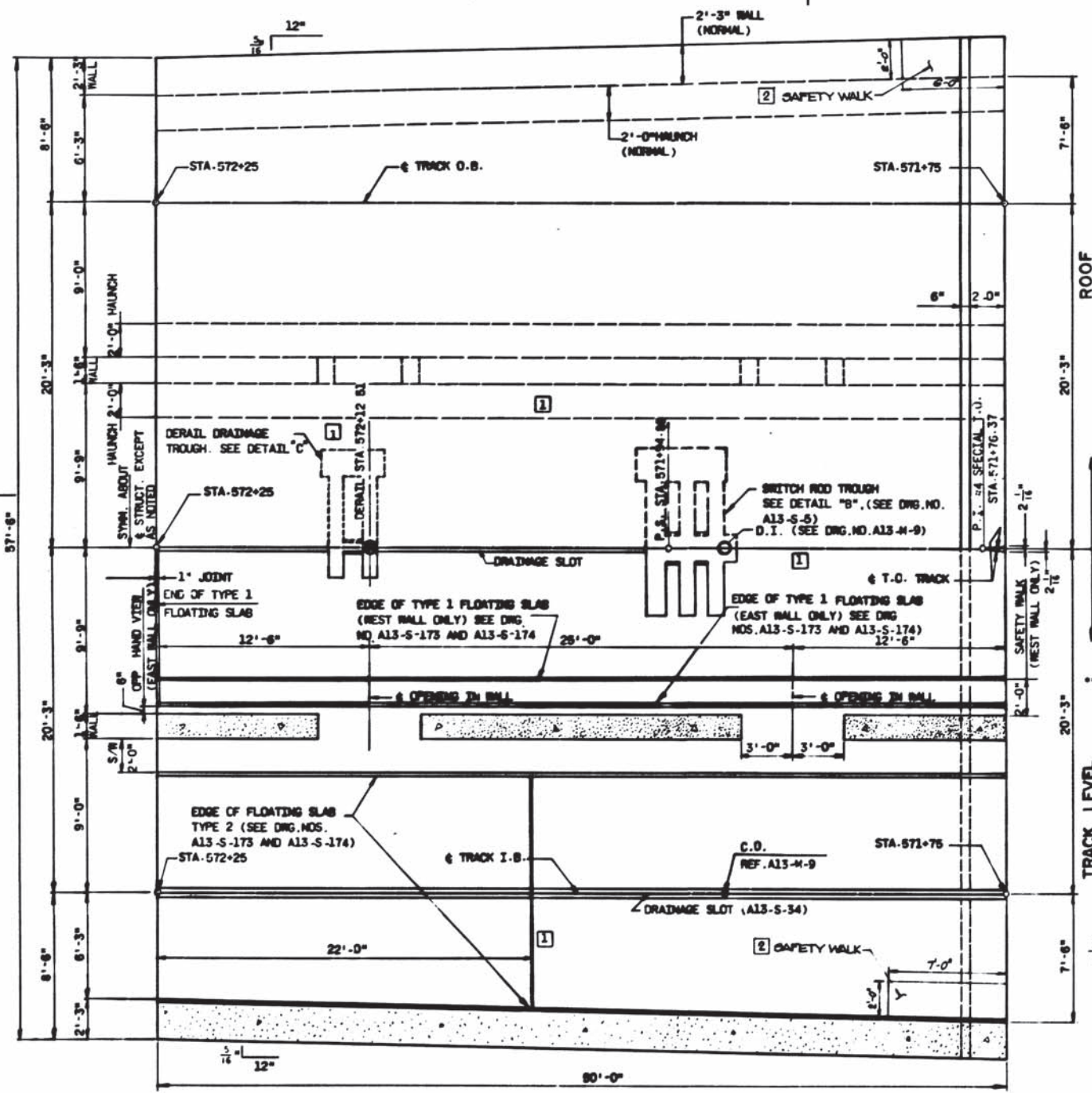
1 2 1 2 1 1 1



NOTE:
 FOR WATERPROOFING DETAILS SEE DWG. NO. ST-S-6
 FOR ELECTRICAL BONDING OF REINF. STEEL SEE DWG.
 NO. ST-S-7.
 FOR LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED
 EQUIPMENT, SEE DWG. NO. A13-E-3 AND A13-E-6.
 FOR LOCATION OF FIRELINE SEE DWG. NO. A13-M-29.

WASHINGTON METROPOLITAN
 AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 RESIDENT ENGINEER: [Signature] DATE: MAY 03 1979

SYMM. ABOUT & STRUCTURE
 EXCEPT AS NOTED



** 2 LAYERS OF WELDED
 6x6-W7.4x7.4 WIRE
 FABRIC & #4 @ 18"
 TRANSVERSELY EXCEPT AT
 DRAINAGE TROUGHS

CONTRACTION JOINT
 FOR DETAIL SEE
 DWG. NO. ST-S-1

T/R EL. 281.54 (O.B. & I.B.)
 EL. 281.53 (STORAGE)

T/R EL. 281.36 (O.B. & I.B.)
 EL. 281.76 (STORAGE)

DESIGNED	J.F.M. SMITH	1/76
DRAWN	H.B. [Signature]	1/76
CHECKED	T. [Signature]	6/75
APPROVED	[Signature]	10/76

NUMBER	DESCRIPTION	DATE	BY
A13-S-1	KEY PLAN AND ELEV.	10/18/76	C.P.L.
A13-S-24	PLAN AND SECT. UNIT 2800 (DRAINAGE SLOT)		
A13-S-172	FLOATING SLAB DETAILS		
A13-S-174	FLOATING SLAB DETAILS	5/20/78	THUY
A13-S-5	PLAN AND SECT. UNIT 2670 (TROUGH)		

NUMBER	DESCRIPTION	DATE	BY
1	DELETE DR. SLOT. ADD EXP. JT.		
2	REVISED FOR FIELD CONDITIONS, AS BUILT		



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHY & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTING

SUBMITTED: [Signature]

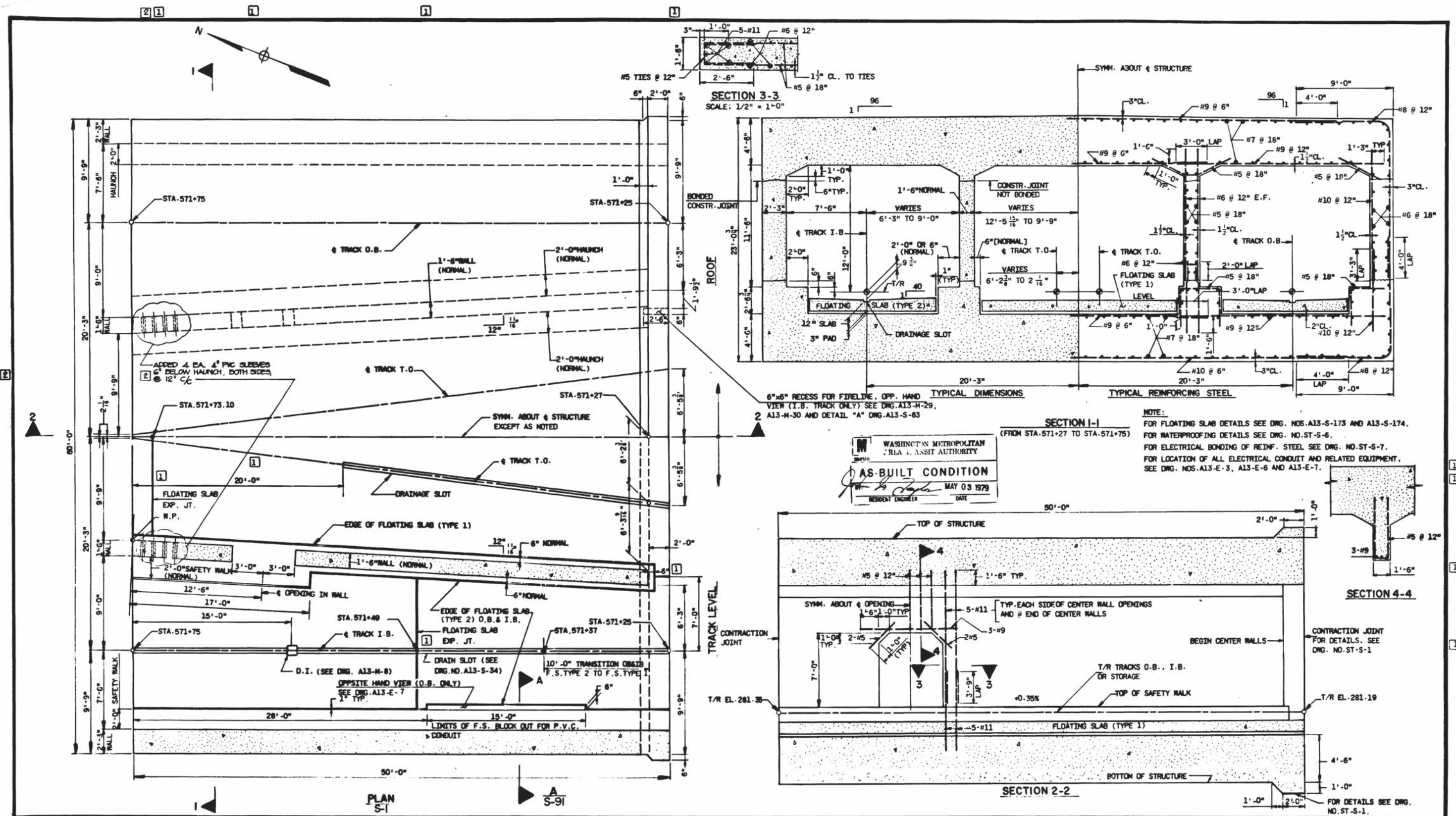
APPROVED: [Signature]

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE
 PLAN AND SECTIONS
 UNIT A5720

SCALE: 1/2" = 1'-0" AND AS NOTED

DRAWING NO. A13-S-19

M220-229



WASHINGTON METROPOLITAN
 TRANSIT AUTHORITY
AS-BUILT CONDITION
 MAY 03 1979
 RESIDENT ENGINEER

NOTE:
 FOR FLOATING SLAB DETAILS SEE DRG. NOS. A13-S-173 AND A13-S-174.
 FOR WATERPROOFING DETAILS SEE DRG. NO. ST-S-6.
 FOR ELECTRICAL BONDING OF REINF. STEEL SEE DRG. NO. ST-S-7.
 FOR LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED EQUIPMENT,
 SEE DRG. NOS. A13-E-3, A13-E-6 AND A13-E-7.

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	BY
J.F.N. SMITH	1/75	A13-S-1	KEY PLAN AND ELEV.	10/18/76	CPL
J.F.N. SMITH	1/75	A13-S-24	PLAN AND SECT. UNIT ABOS (DRAINAGE SLOT)		
T. ANDERSON	5/75	A13-S-173	FLOATING SLAB DETAILS	5/20/79	THY
T. ANDERSON	10/75	A13-S-174	FLOATING SLAB DETAILS		
T. ANDERSON	10/75	A13-S-8	CUT AND COVER DRAINAGE, KEY PLAN		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHIER & COMPANY
 GENERAL ENGINEERING CONSULTANT

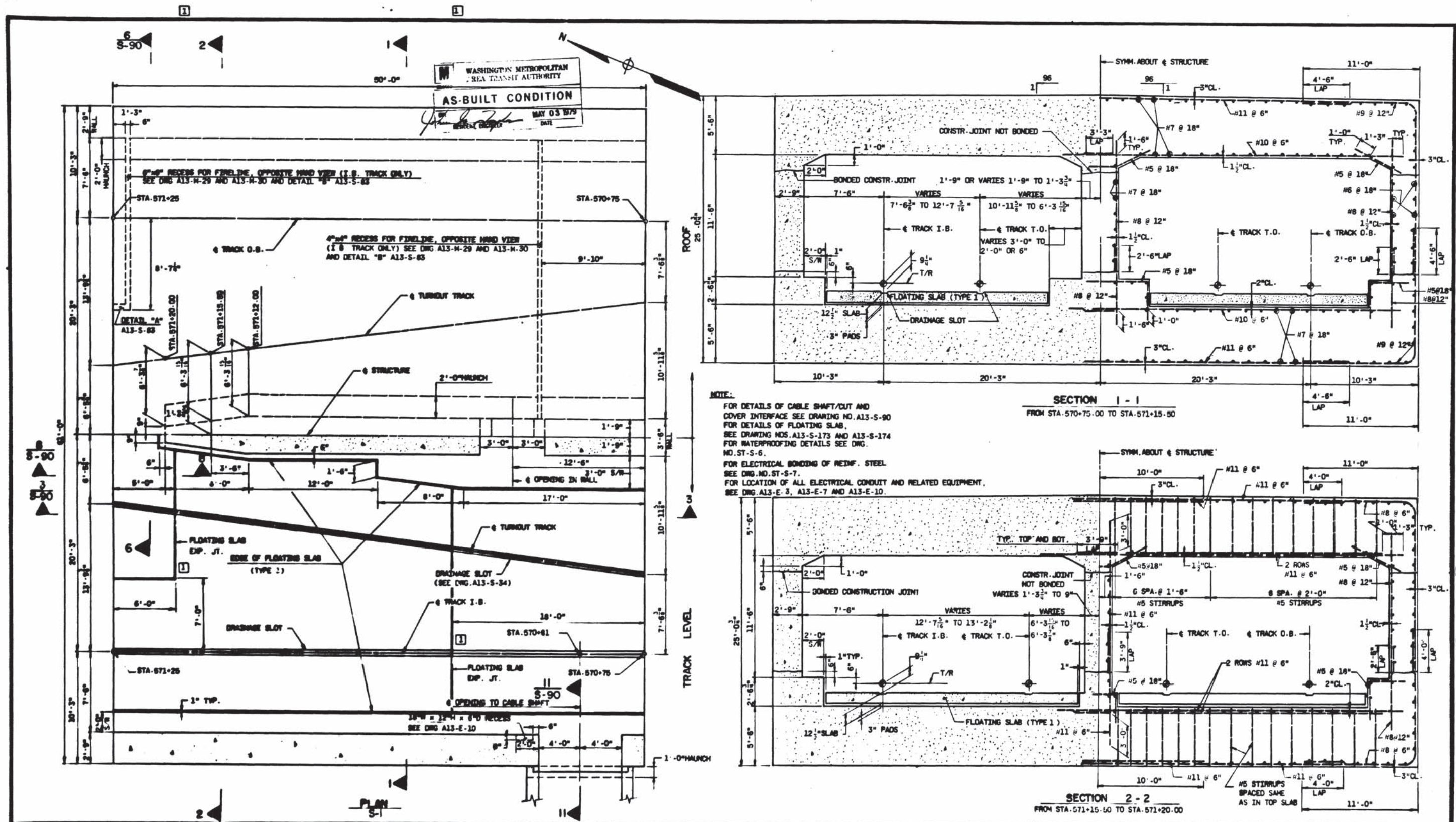
HARRY WEEBE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

APPROVED *[Signature]*

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE
 PLAN AND SECTIONS
 UNIT A5715

SCALE: 1" = 1'-0"
 AND AS NOTED

DRAWING NO. A13-S-43
 M220-230



NOTE:
 FOR DETAILS OF CABLE SHAFT/CUT AND COVER INTERFACE SEE DRAWING NO. A13-S-90
 FOR DETAILS OF FLOATING SLAB, SEE DRAWING NOS. A13-S-173 AND A13-S-174
 FOR WATERPROOFING DETAILS SEE DWG. NO. ST-S-6.
 FOR ELECTRICAL BONDING OF REINF. STEEL SEE DWG. NO. ST-S-7.
 FOR LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED EQUIPMENT, SEE DWG. A13-E-3, A13-E-7 AND A13-E-10.

REVISIONS	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
1	A13-S-1	KEY PLAN AND ELEV.	10/18/76	C.P.L.	1) ADDED FLOATING SLAB EXP. JT. PER P.C.O. 07
2	A13-S-69	SECTIONS AND DETAILS UNITS A5710			
3	A13-S-90	PLAN AND SECT. UNIT A5695 (DRAINAGE SLOT)			
4	A13-S-173	FLATING SLAB DETAILS			
5	A13-S-174	FLATING SLAB DETAILS			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

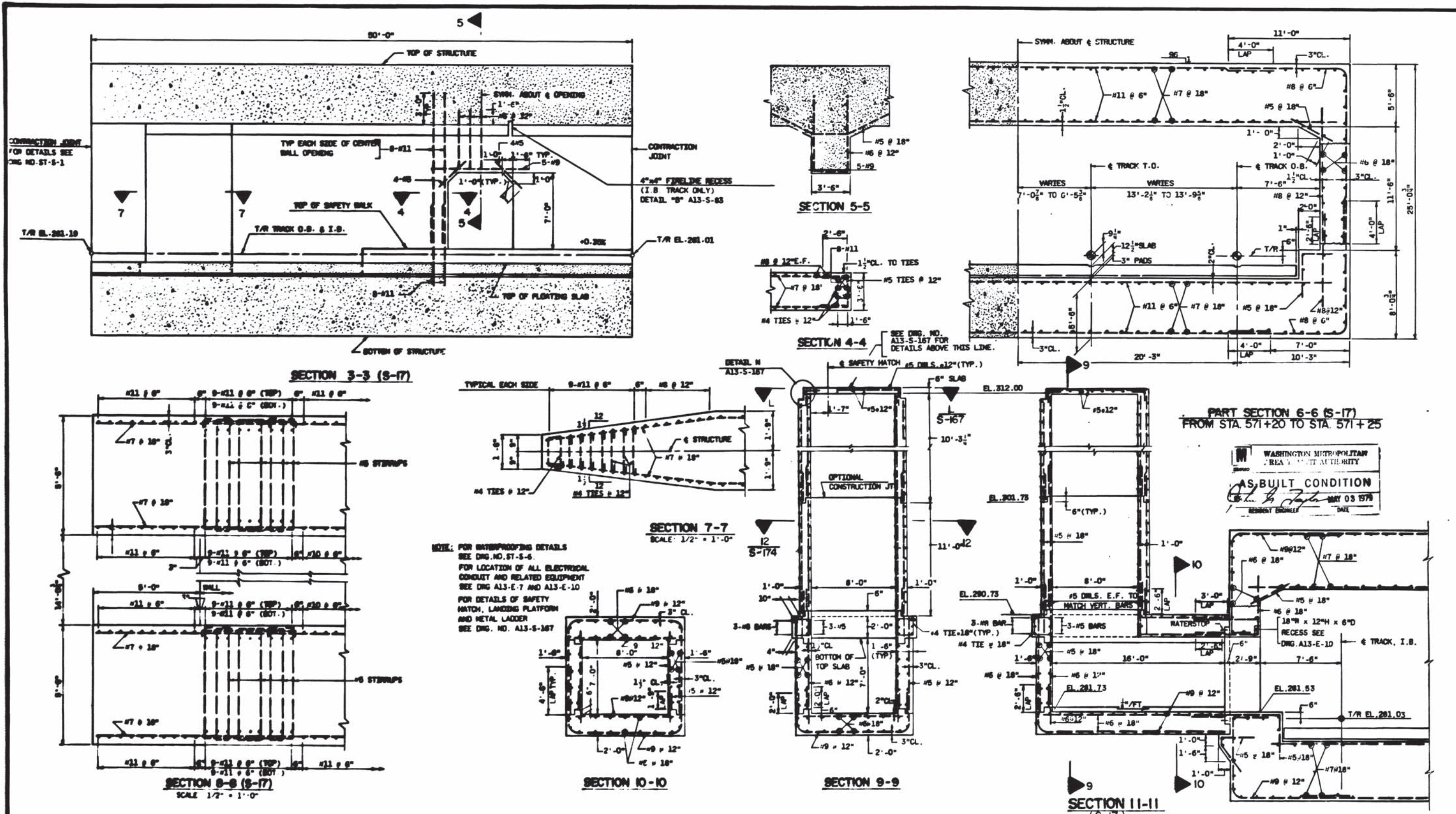
APPROVED *[Signature]*

ROCKVILLE ROUTE
 CUT AND COVER STRUCTURE
 PLAN AND SECTIONS
 UNIT A 5710

SCALE: 1/4" = 1'-0"

DRAWING NO. A13-S-17

M220-231



NO.	DATE	BY	DESCRIPTION
1	1/78	...	...
2	1/78	...	...
3	6/78	...	...
4	1/79	...	...

NO.	DATE	BY	DESCRIPTION
1	1/78	...	...
2	1/78	...	...
3	6/78	...	...
4	1/79	...	...



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER:
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHIER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WEISSE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

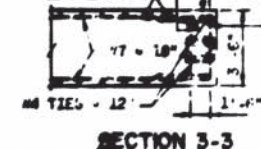
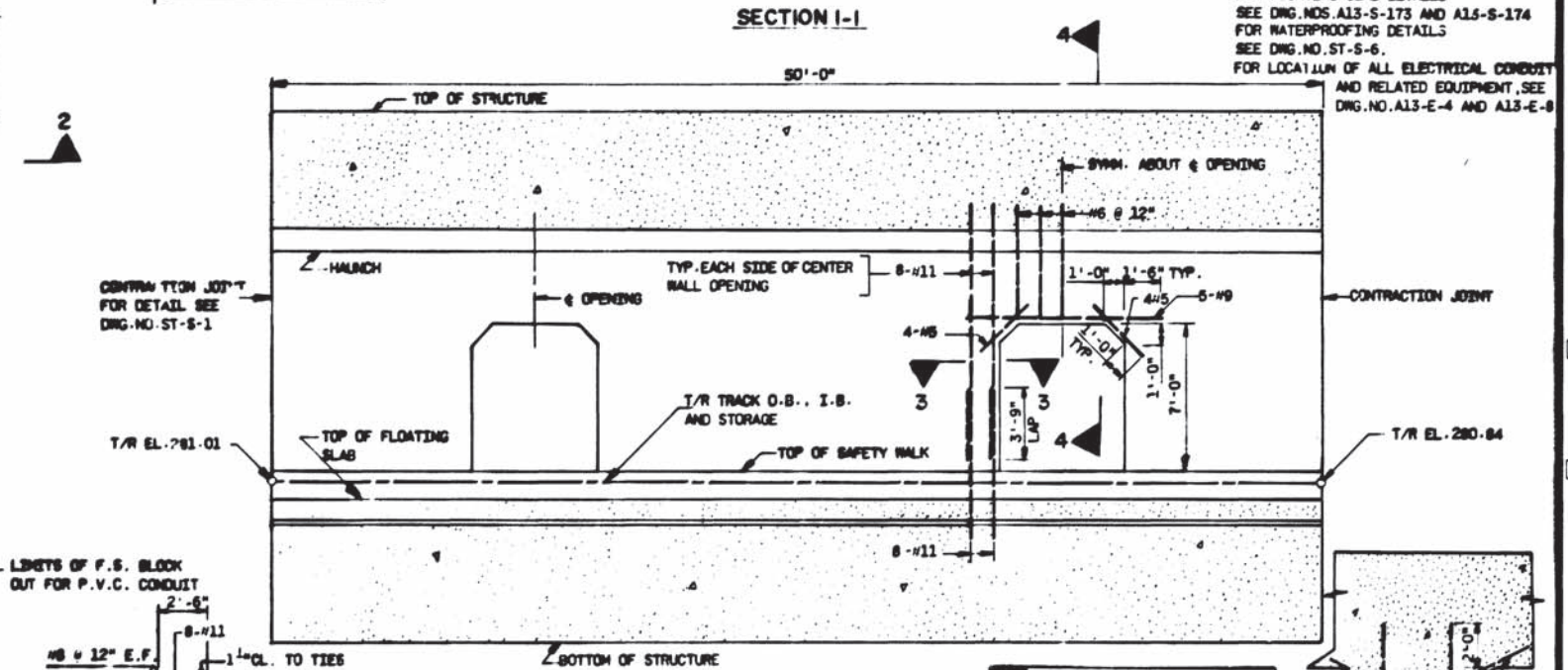
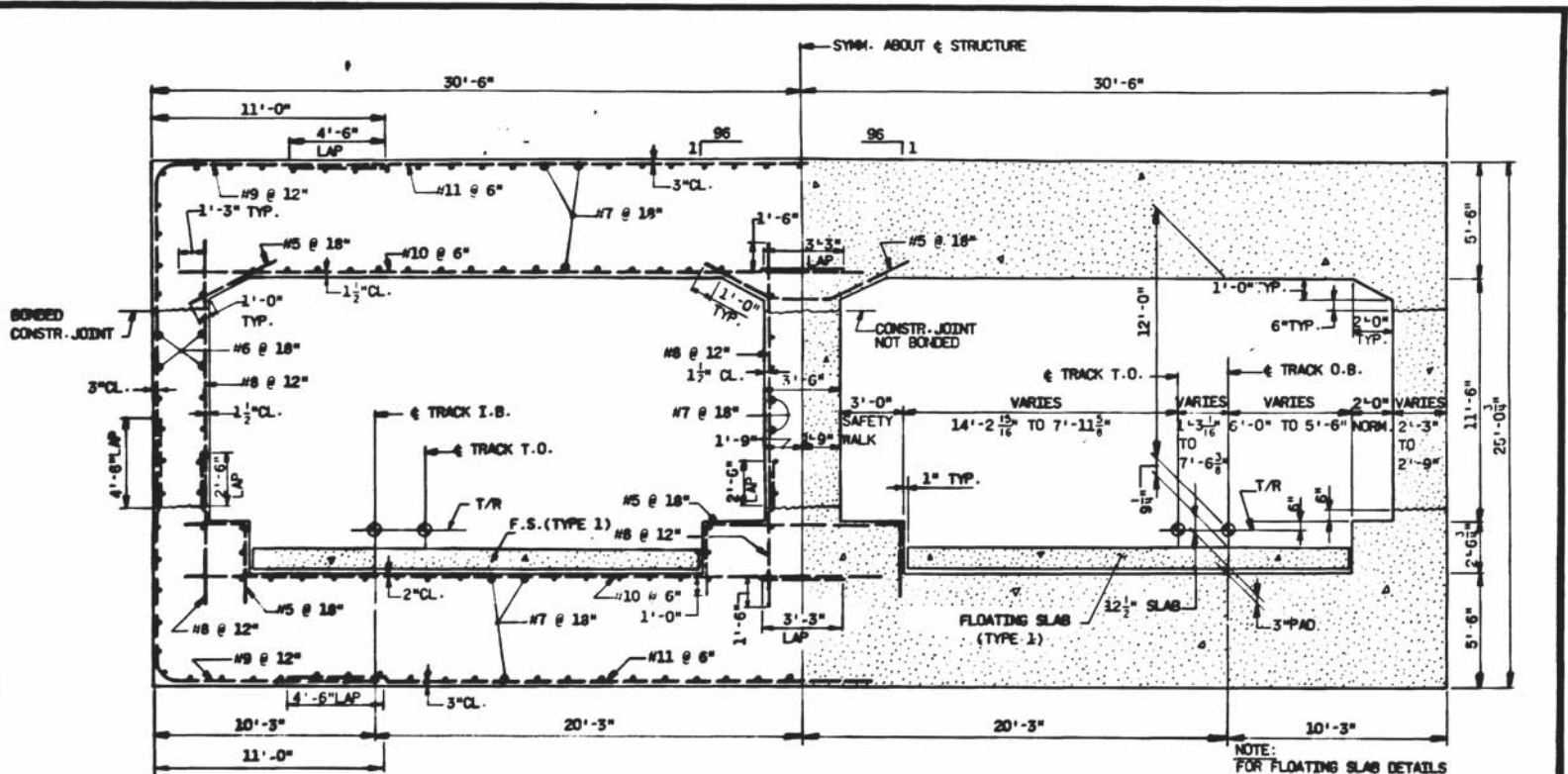
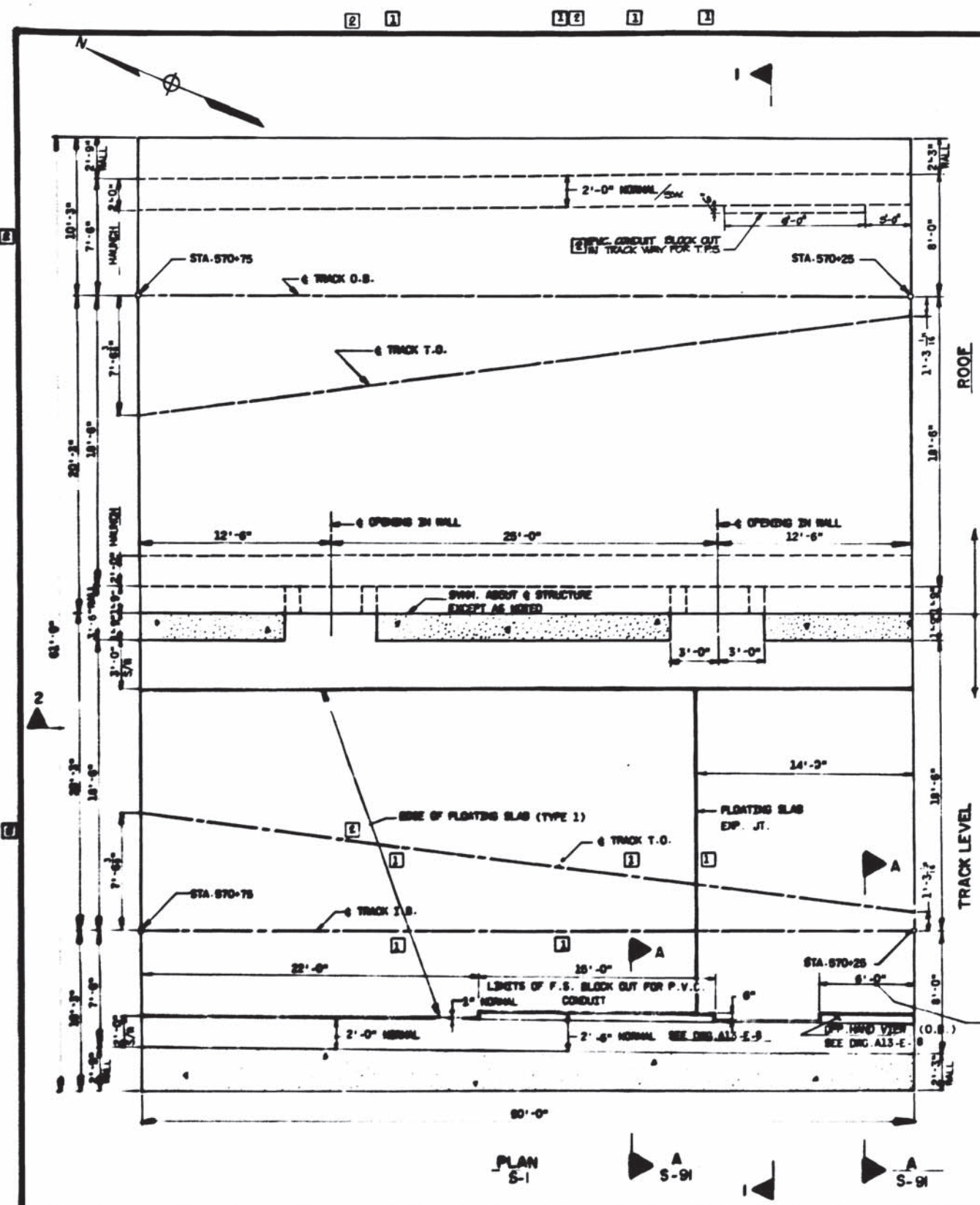
SUBMITTED: *[Signature]* APPROVED: *[Signature]*

ROCKVILLE ROUTE
CUT AND COVER STRUCTURE
SECTIONS AND DETAILS
UNIT A 5710

SCALE: 1/2" = 1'-0" AND AS NOTED

DRAWING NO. **A13-S-90**

M220-232



NOTE:
FOR FLOATING SLAB DETAILS
SEE DRG. NOS. A13-S-173 AND A13-S-174
FOR WATERPROOFING DETAILS
SEE DRG. NO. ST-S-6.
FOR LOCATION OF ALL ELECTRICAL CONDUIT
AND RELATED EQUIPMENT, SEE
DRG. NO. A13-E-4 AND A13-E-8

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
MAY 03 1978
DATE

REVISION	DATE	DESCRIPTION
1	12/78	REVISED
2	12/78	REVISED
3	6/78	REVISED

NUMBER	DESCRIPTION
A13-S-1	KEY PLAN AND ELEV.
A13-S-2	PLAN AND SECT. UNIT 5000 (ORANGE SLAB)
A13-S-3	PLAN AND SECT. UNIT 5000 (ORANGE SLAB)
A13-S-4	PLAN AND SECT. UNIT 5000 (ORANGE SLAB)
A13-S-5	PLAN AND SECT. UNIT 5000 (ORANGE SLAB)
A13-S-6	PLAN AND SECT. UNIT 5000 (ORANGE SLAB)
A13-S-7	PLAN AND SECT. UNIT 5000 (ORANGE SLAB)

DATE	BY	DESCRIPTION
10/18/78	C.P.L.	ADD EXP. JT. RELUC. D.I. & DELETE BR. SLAB FOR P.C.O. 17
10/20/78	THY	REVISED PER FIELD COND. AS-BUILT



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WESSE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

APPROVED *[Signature]*

ROCKVILLE ROUTE
CUT AND COVER STRUCTURE
PLAN AND SECTIONS
UNIT A5705

SCALE: 1" = 1'-0"

DRAWING NO. A13-S-6

M220-233