

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY RAPID TRANSIT SYSTEM

TUNNEL & R.O.W. GRAPHICS-TG-6

1Z009C

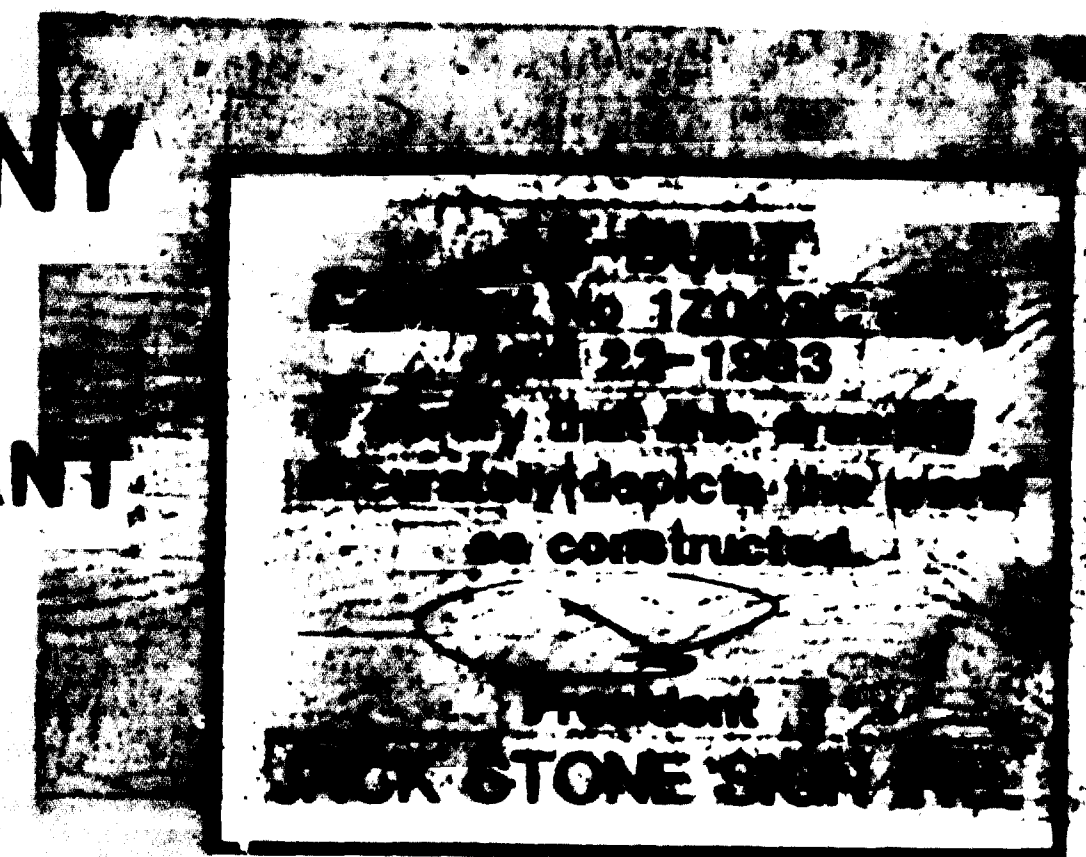
MARCH, 1982

HARRY WEESE & ASSOCIATES

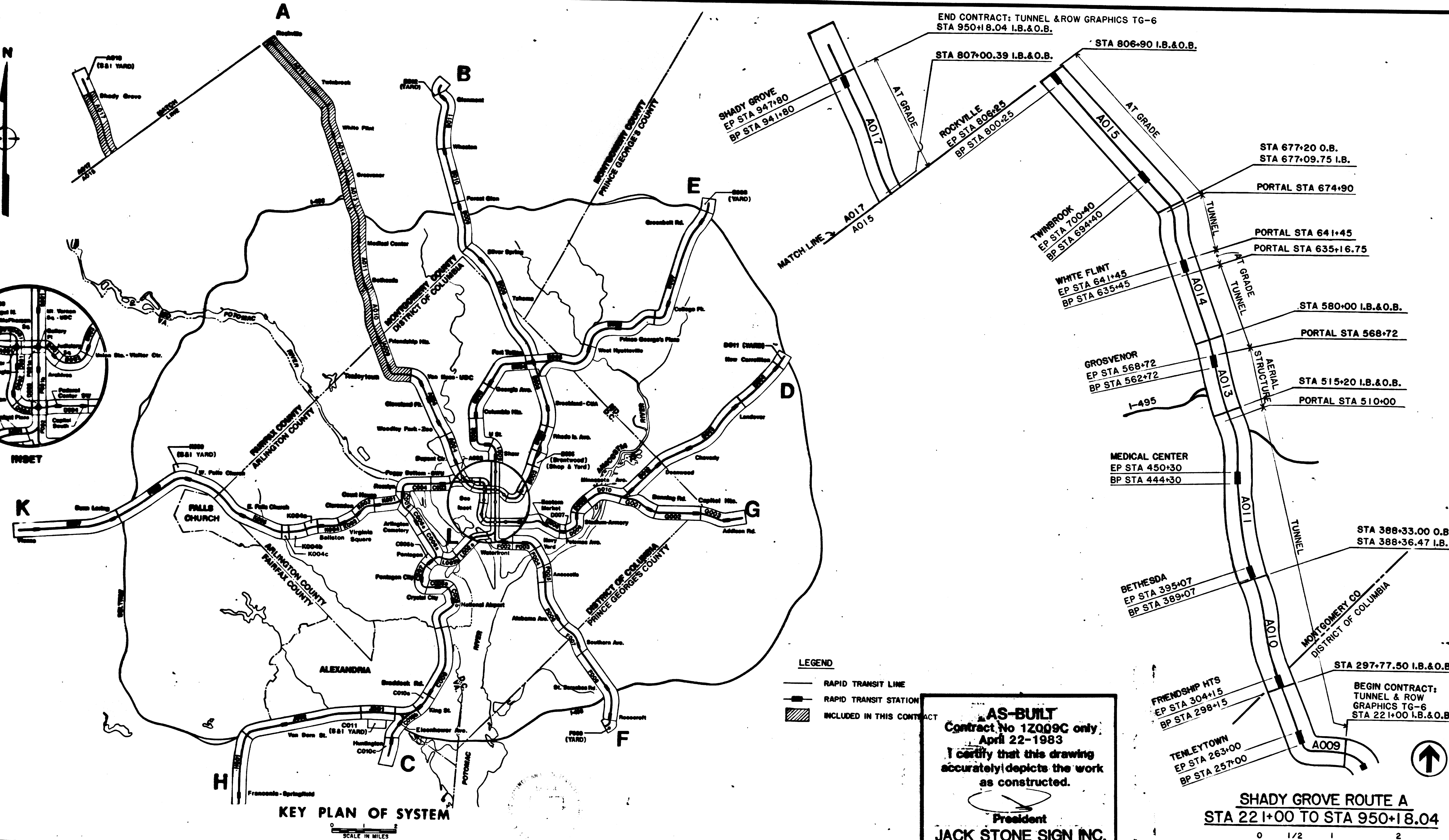
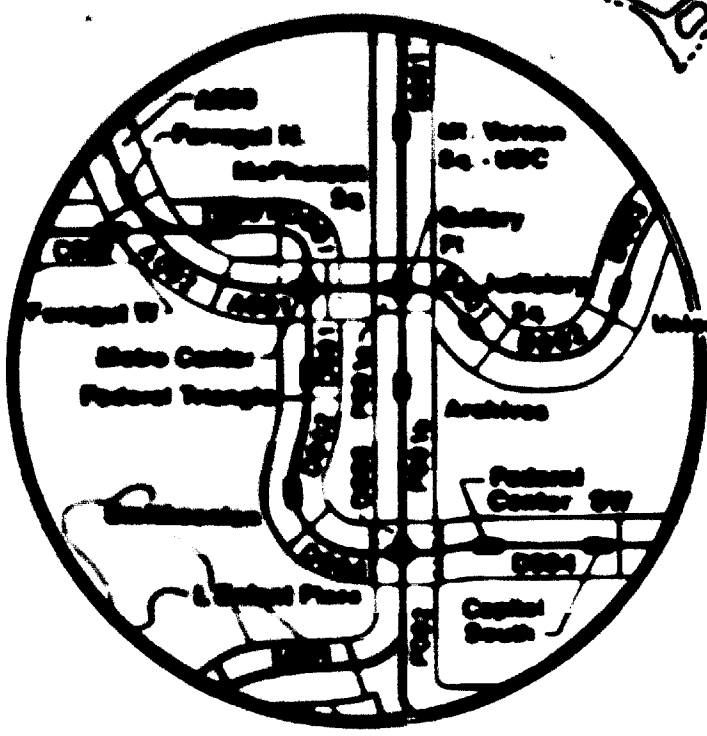
GENERAL ARCHITECTURAL CONSULTANT

DE LEUW, CATHER & COMPANY

GENERAL ENGINEERING CONSULTANT



CONTRACT DRAWINGS, FILE NOS. M623-1 TO M623-96
APPROVED FOR CONSTRUCTION 2-11-82
ASSISTANT GENERAL MANAGER
DESIGN AND CONSTRUCTION *John H. [Signature]*
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY



- LEGEND**
- RAPID TRANSIT LINE
 - RAPID TRANSIT STATION
 - ▨ INCLUDED IN THIS CONTRACT

AS-BUILT
 Contract No 12009C only
 April 22-1983
 I certify that this drawing
 accurately depicts the work
 as constructed.
 President
JACK STONE SIGN INC.

SHADY GROVE ROUTE A
 STA 22+00 TO STA 950+18.04



KEY PLAN OF SYSTEM



DESIGNED	HWA	12-18-81	DATE
DRAWN	NDR	12-18-81	DATE
CHECKED	Rade-McCorm	12-18-81	DATE
APPROVED	Thompson	12-18-81	DATE

NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

HARRY WESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED BY *Robert Harw* 1/13/82

APPROVED *[Signature]* 1/13/82

KEY PLAN OF SYSTEM AND GENERAL CONSTRUCTION SITE PLAN

SCALE AS SHOWN

DRAWING NO. **TG-6-A1 M523-1**

INDEX OF DRAWINGS

FILE NO.	DRAWING NO.	TITLE	FILE NO.	DRAWING NO.	TITLE
M523 - 1	T6-6-A1	KEY PLAN OF SYSTEM AND GENERAL CONSTRUCTION SITE PLAN	M523 - 49	FA12-E-5	STAB3 + 00 TO STA503 + 00
M523 - 2	T6-6-A2	INDEX OF DRAWINGS AND ABBREVIATIONS	M523 - 50	FA12-E-3	STAS15 + 20 TO STA513 + 00
M523 - 3	T6-6-A3	TUNNEL GRAPHICS PORCELAIN ENAMEL SIGNS	M523 - 51	FA12-E-38	MEDICAL CENTER STATION SOUTH VENT SHAFT PLAN
M523 - 4	T6-6-A4	TUNNEL GRAPHICS PORCELAIN ENAMEL & INSTRUCTION SIGN FOR PASSENGER EMERGENCY EXIT	M523 - 52	FA12-E-35	MEDICAL CENTER STATION TRACTION PWR S.S. & CHILLED WATER PLANT
M523 - 5	FA9-E-6	STA 221+00 TO STA 227+00	M523 - 53	FA12-E-30	NORTH DRIVE EMERGENCY EGRESS SHAFT PLAN
M523 - 6	FA9-E-7	STA 227+00 TO STA 239+00	M523 - 54	FA12-E-10	STA 493+00 TO STA 483+00
M523 - 7	FA9-E-6	STA 239+00 TO STA 250+50	M523 - 55	FA12-E-27	LOCUST HILL ROAD FAN SHAFT PLAN
M523 - 8	FA9-E-5	STA 250+50 TO STA 262+00	M523 - 56	FA12-E-127	LOCUST HILL RD AND NORTH DRIVE SHAFT
M523 - 9	FA9-E-4	STA 262+00 TO STA 274+00	M523 - 57	FA12-E-22	POOKS HILL ROAD TRACTION POWER SUBSTATION
M523 - 10	FA9-E-3	STA 274+00 TO STA 286+00	M523 - 58	A13-E-43	STA 525+20 TO STA 515 + 20 O.B.
M523 - 11	FA9-E-2	STA 286+00 TO STA 297+00	M523 - 59	A13-E-42	STA 536+00 TO STA 525+00 O.B.
M523 - 12	FA9-E-57	RENO RD VENT SHAFT	M523 - 60	A13-E-41	STA 547+00 TO STA 536+00 O.B.
M523 - 13	FA9-E-56	38 TH STREET FAN SHAFT	M523 - 61	A13-E-40	STA 556+25 TO STA 547+00 O.B.
M523 - 14	FA9-E-42	ALBEMARLE STREET VENT SHAFT	M523 - 62	A13-E-39	STA 568+50 TO STA 556+25 O.B.
M523 - 15	FA9-E-53	ALBEMARLE ST TRACTION POWER SUBSTATION	M523 - 63	A13-E-4	PLAN STA 570+75 TO STA 568+72
M523 - 16	FA10-E-90	ELLCOTT STREET CHILLED WATER PLANT	M523 - 64	A13-E-3	PLAN STA 575+75 TO STA 570+75
M523 - 17	FA9-E-16	ELLCOTT STREET FAN SHAFT	M523 - 65	A13-E-2	PLAN STA 580+75 TO STA 575+75
M523 - 18	FA9-E-17	ELLCOTT STREET FAN SHAFT UPPER STRUCTURE	M523 - 66	A13-E-37	TIE BREAKER STATION (of 546+10)
M523 - 19	FA10-E-9	STA 297+00 TO STA 309+00	M523 - 67	A13-E-38	TRACTION POWER SUBSTATION (of 570+57)
M523 - 20	FA10-E-8	STA 309+00 TO STA 321 + 00	M523 - 68	FA14-E-6	STATION 603+48 TO 580+38
M523 - 21	FA10-E-7	STA 321 + 00 TO STA 333 + 00	M523 - 69	FA14-E-5	STATION 627+98 TO 603+48
M523 - 22	FA10-E-6	STA 333+00 TO STA 345 + 00	M523 - 70	FA14-E-4	STATION 653+75 TO 627+98
M523 - 23	FA10-E-5	STA 345+00 TO STA 357 + 00	M523 - 71	FA14-E-3	STATION 677+20 TO 653+75
M523 - 24	FA10-E-4	STA 357+00 TO STA 367 + 00	M523 - 72	A14-E-12	FAN SHAFTS AND EMERGENCY EXITS
M523 - 25	FA10-E-3	STA 367+00 TO STA 379 + 00	M523 - 73	FA14-E-9	FAN SHAFT NO.1 TIE BREAKER STATION NO.1 EMERGENCY EXIT NO.2
M523 - 26	FA10-E-2	STA 379+00 TO STA 388 + 33	M523 - 74	FA14-E-7	FAN SHAFT NO.2 TIE BREAKER STATION NO.2
M523 - 27	FA10-E-60	INGOMAR ST VENT SHAFT	M523 - 75	FA14-E-8	DRAINAGE PUMPING STATIONS NO.1 & NO.2
M523 - 28	FA10-E-37	FRIENDSHIP HEIGHTS STATION	M523 - 76	A15-E-36	TRACTION POWER SUBSTATION
M523 - 29	FA10-E-23	OLIVER STREET FAN SHAFT	M523 - 77	A15-E-35	STA 683+00 TO STA 677+20
M523 - 30	FA10-E-25	OLIVER STREET TRACTION POWER SUBSTATION	M523 - 78	A15-E-34	STA 705+00 TO STA 683+00
M523 - 31	FA10-E-20	DRUMMOND AVE VENT SHAFT	M523 - 79	A15-E-33	STA 721+00 TO STA 705+00
M523 - 32	FA10-E-19	NORWOOD DRIVE FAN SHAFT	M523 - 80	A15-E-32	STA 743+00 TO STA 721+00
M523 - 33	FA11-E-13	STA 397+00 TO STA 387 +85.75	M523 - 81	A15-E-31	STA 765+00 TO STA 743+00
M523 - 34	FA11-E-11	STA 407+00 TO STA 397+00	M523 - 82	A15-E-30	STA 787+00 TO STA 765+00
M523 - 35	FA11-E-9	STA 417+00 TO STA 407+00	M523 - 83	A15-E-16	STA 806+00 TO STA 787+00
M523 - 36	FA11-E-7	STA 427+00 TO STA 417+00	M523 - 84	A15-E-15	TWINBROOK STATION TRACTION POWER SUBSTATION
M523 - 37	FA11-E-5	STA 437+00 TO STA 427+00	M523 - 85	A15-E-48	AT STATION 702
M523 - 38	FA11-E-3	STA 440+24.02 TO STA 437+00	M523 - 86	A15-E-81	TIE-BREAKER STATION AT STA 737+50
M523 - 39	FA11-E-30	ELM STREET VENT SHAFT PLAN	M523 - 87	FA17-E-9	SUBSTATION AT STA 766
M523 - 40	FA11-E-33	BETHESDA STATION TRACTION POWER S.S. & CHILLER PLANT	M523 - 88	FA17-E-8	VIERS MILLS ROAD TIE BREAKER STATION AT STA 787+50
M523 - 41	FA11-E-36	WEST VIRGINIA AVENUE FAN SHAFT PLAN	M523 - 89	FA17-E-7	STA 824 + 00 TO STA 806+40
M523 - 42	FA12-E-19	STA 447+00 TO STA 440+24.02	M523 - 90	FA17-E-6	STA 847 + 00 TO STA 824+ 00
M523 - 43	FA12-E-17	STA 453+00 TO STA 447 +00	M523 - 91	FA17-E-5	STA 869 + 00 TO STA 847+00
M523 - 44	FA12-E-15	STA 463+00 TO STA 463+00	M523 - 92	FA17-E-4	STA 893 + 00 TO STA 869+00
M523 - 45	FA12-E-13	STA 473+00 TO STA 463+00	M523 - 93	FA17-E-2	STA 917 + 00 TO STA 893+00
M523 - 46	FA12-E-11	STA 483+00 TO STA 473+00	M523 - 94	FA17-E-34	STA 940+00 TO STA 917+00
M523 - 47	FA12-E-9	STA 493+00 TO STA 483+00	M523 - 95	FA17-E-29	STA 950+18.04 TO STA 940+00
M523 - 48	FA12-E-7	STA 503+00 TO STA 493+00	M523 - 96	FA17-E-30	DETAILS AND ETS SCHEMATICS
					HUNGERFORD DRIVE TIE BREAKER STATION
					SHADY GROVE TRACTION POWER SUBSTATION

ABBREVIATIONS

BP	BEGIN PLATFORM	PWR	POWER
CAP	CAPITAL	REQD	REQUIRED
CL	CENTER LINE	ROW	RIGHT OF WAY
DDS	DISTANCE & DIRECTION SIGN	SIM	SIMILAR
EQ	EQUAL	SLS	STREET LOCATION SIGN
EP	END PLATFORM	SPEC	SPECIFICATION (S)
EXP	EXPANSION	SRIS	SERVICE ROOM IDENTIFICATION SIGN
		SS	SUBSTATION
		STA	STATION
		STL	STEEL
GA	GAUGE	T6	TUNNEL GRAPHICS
GALV	GALVANIZED	THK	THICK (NESS)
		T & S	TRACK & STATIONING NUMBER SIGN
IB	INBOUND	TYP	TYPICAL
IS	INSTRUCTION SIGN		
		W/	WITH
MAX	MAXIMUM		
MIN	MINIMUM		
NTS	NOT TO SCALE		
NO	NUMBER		
OB	OUTBOUND		
OC	ON CENTER		
OHMS	OVAL HEAD MACHINE SCREW		
OSHA	OCCUPATIONAL SAFETY & HEALTH ACT		

AS-BUILT
 Contract No 1Z009C only
 April 22-1983
 I certify that this drawing
 accurately depicts the work
 as constructed.

President
JACK STONE SIGN INC.

DESIGNED	HWA	12-18-81
DRAWN	NPR	12-18-81
CHECKED	Roda	12-18-81
APPROVED	Chambers	12-18-81

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS	
DATE	DESCRIPTION

A 25/2
 ROBERT J. KARN
 STATE OF MARYLAND

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

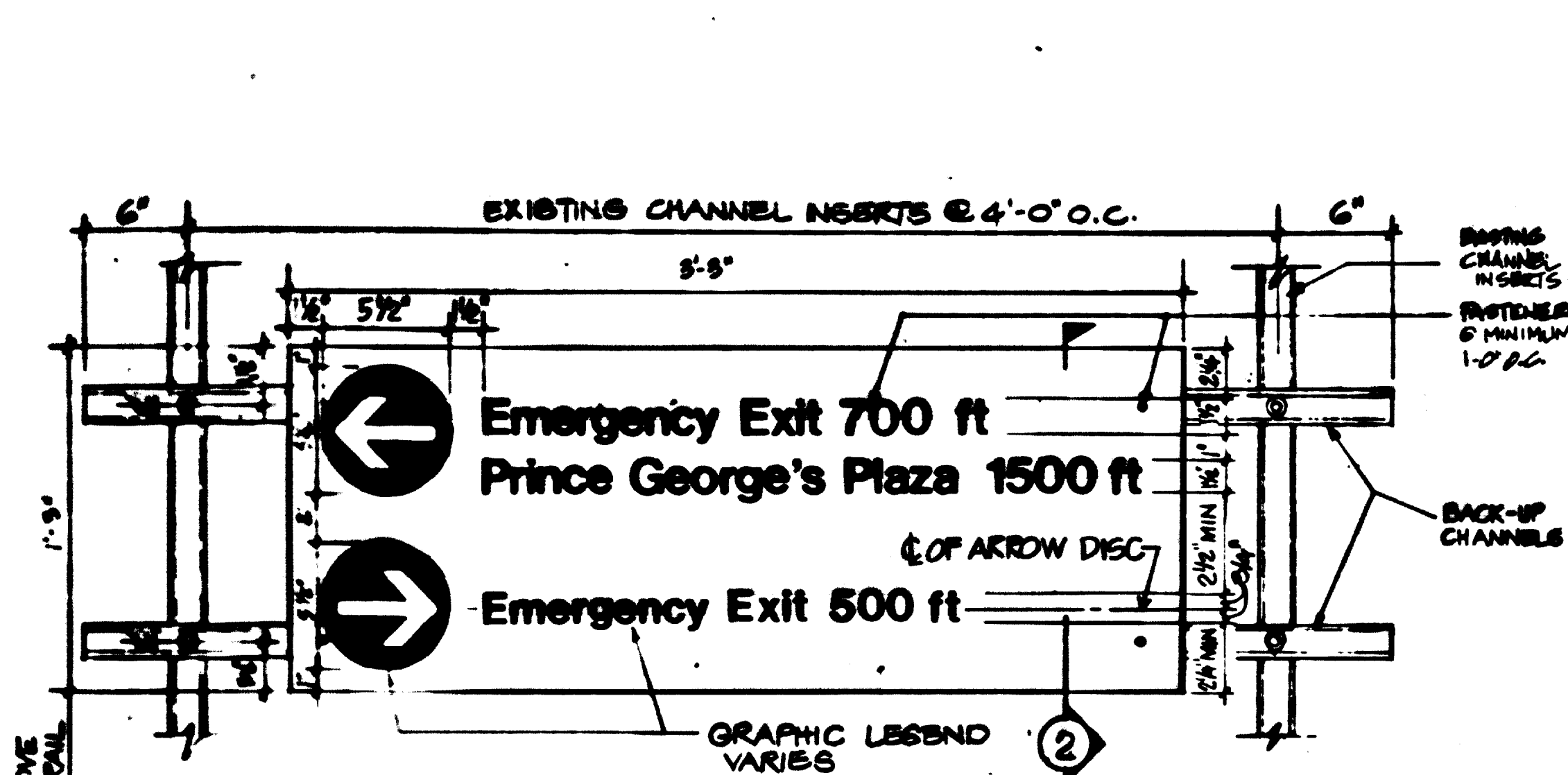
DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED: *Robert J. Karn 1/13/82*

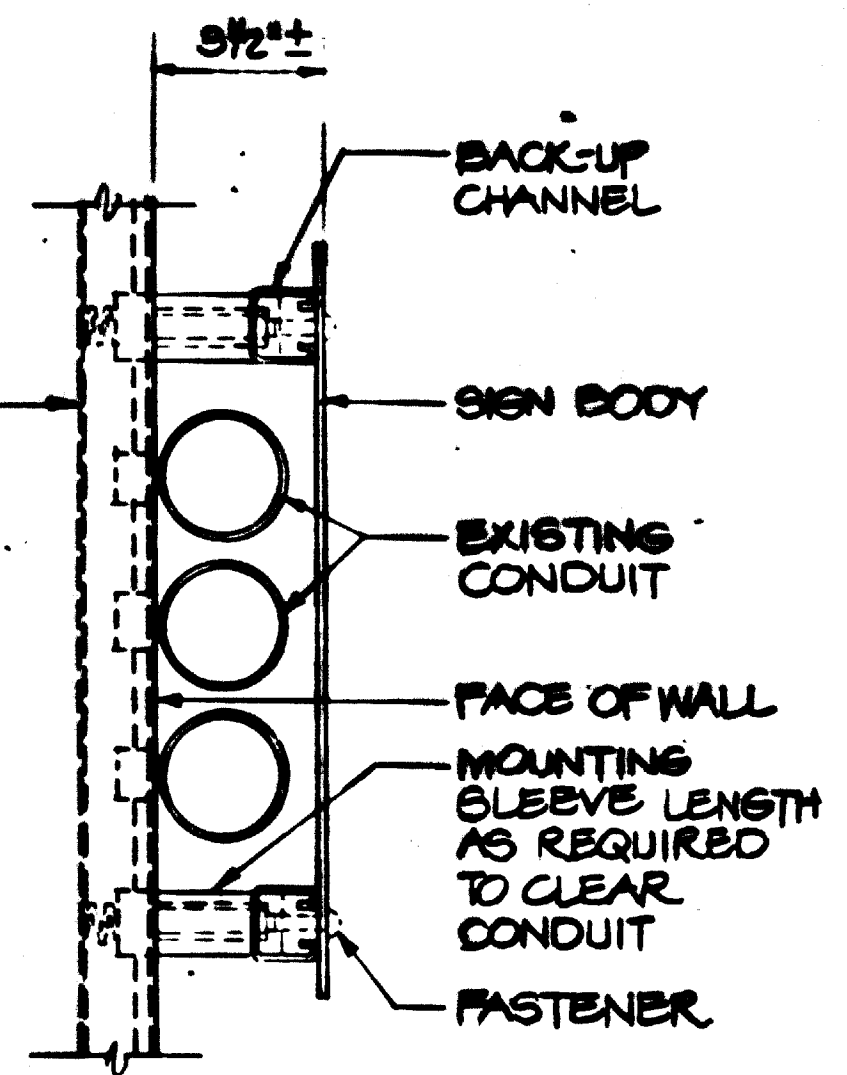
APPROVED: *Robert J. Karn 1/13/82*

TUNNEL GRAPHICS INDEX OF DRAWINGS AND ABBREVIATIONS	
SCALE	NONE
DRAWING NO.	G-6-A2 M523-2

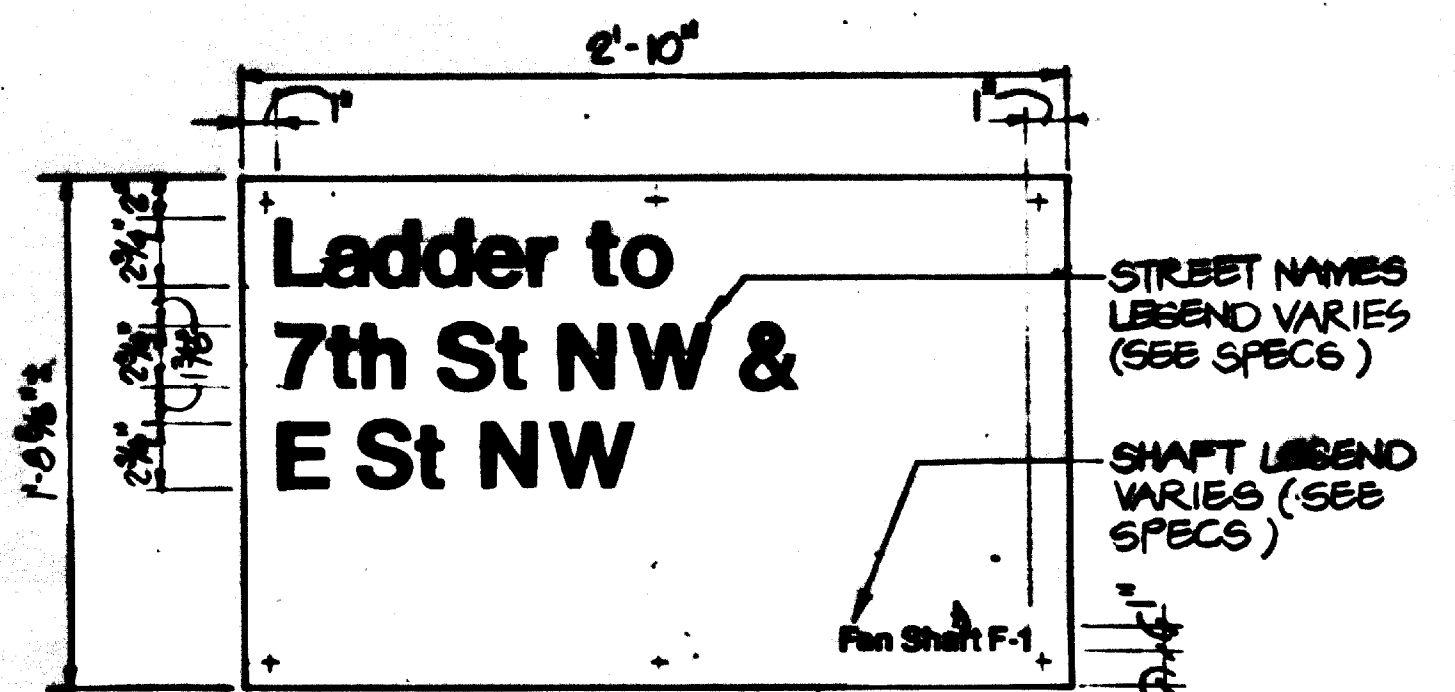


1 DIRECTION & DISTANCE SIGN
SCALE: 2" = 1'-0"

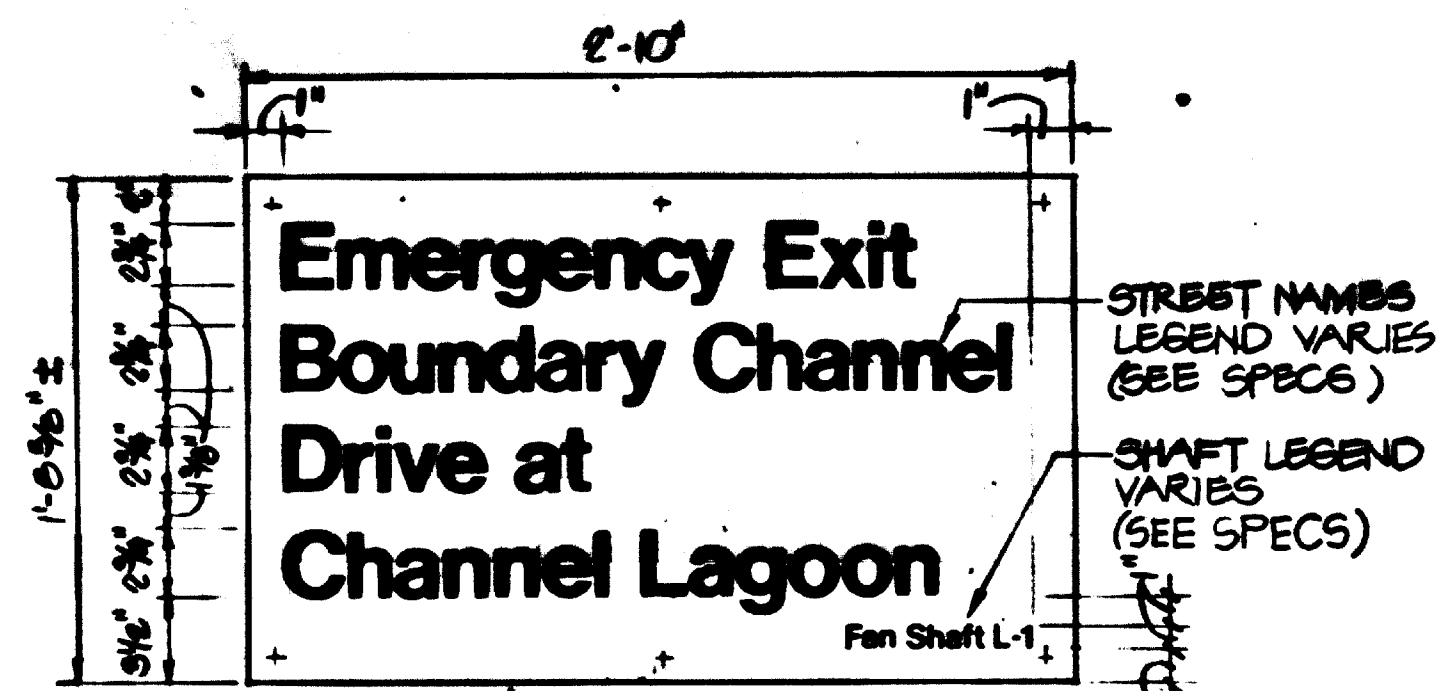
NOTES: (DIRECTION & DISTANCE SIGN)
 1. DIRECTION & DISTANCE SIGNS TO BE INSTALLED IMMEDIATELY BELOW EMERGENCY WHITE LIGHT. (FOR INFORMATION ONLY: DIRECTION & DISTANCE SIGNS WILL THEREFORE APPEAR APPROXIMATELY EVERY 800 FT.)
 2. BOTTOM OF SIGN TO BE NO LOWER THAN 6'-0" FROM TOP OF RAIL; TOP OF SIGN TO BE LESS THAN 9'-0" FROM TOP OF RAIL.



2 SECTION
SCALE: 3" = 1'-0"



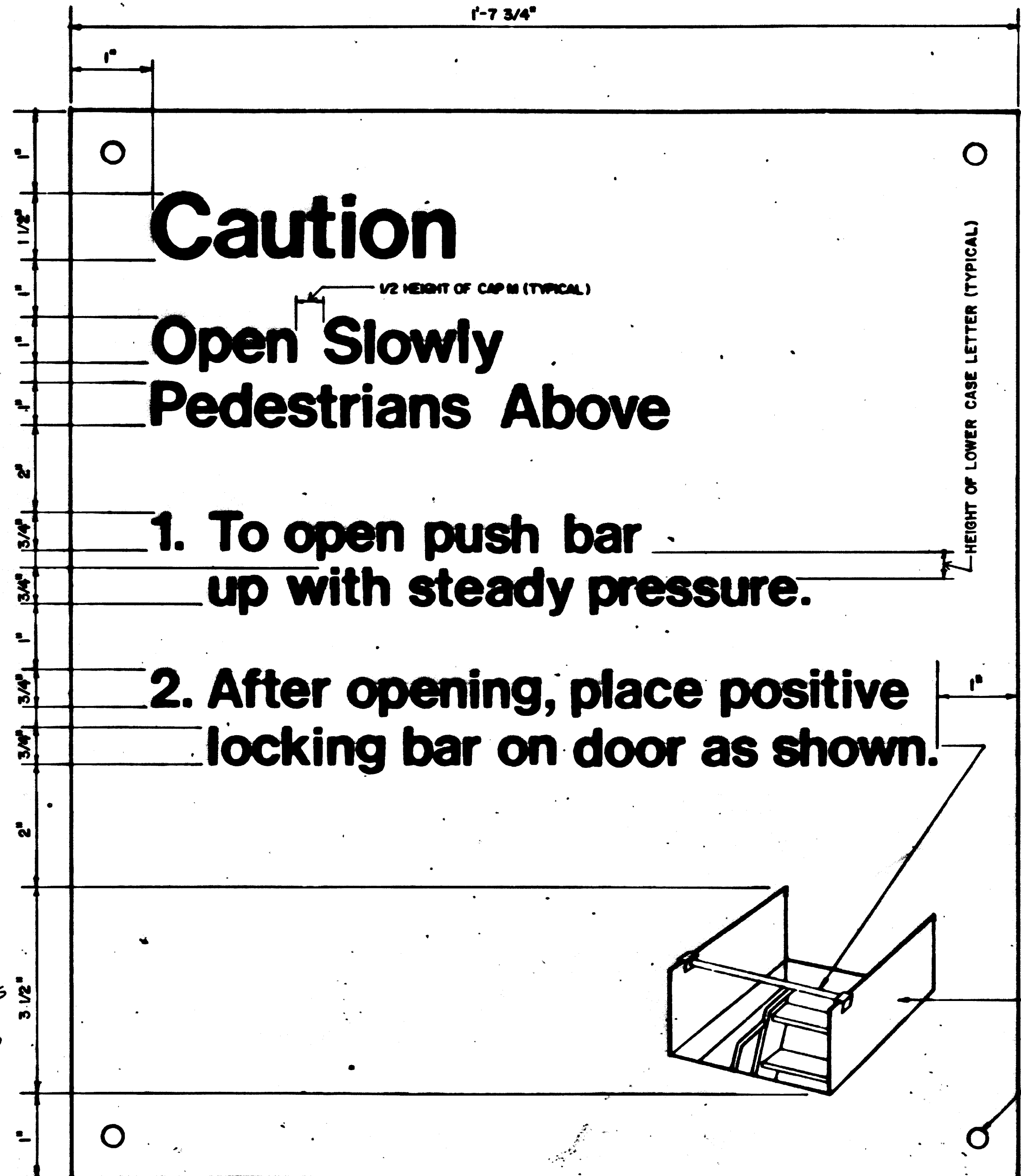
TYPE A



TYPE B

4 STREET LOCATION SIGNS
SCALE: 1/2" = 1'-0"

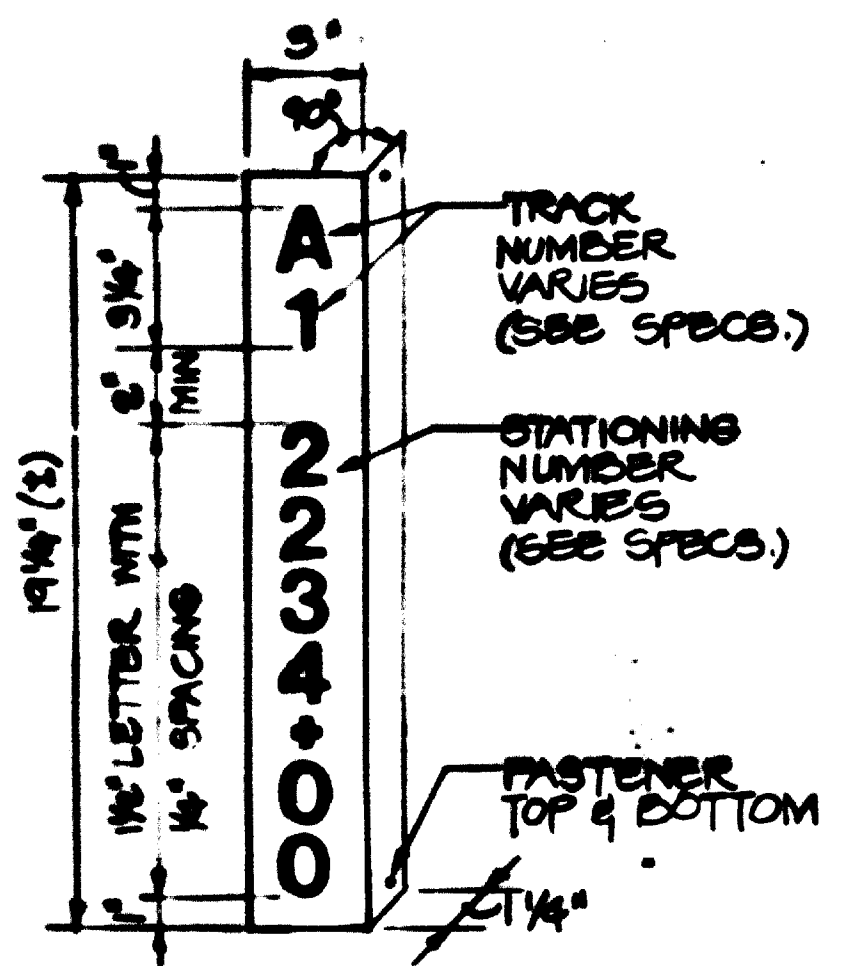
NOTES: (STREET LOCATION SIGNS)
 1. PROVIDE 2 SIGNS PER VENT SHAFT, FAN SHAFT & EMERGENCY EGRESS SHAFT (1 AT INBOUND TRACK & 1 AT OUTBOUND TRACK). SEE PLANS & SPECIFICATIONS FOR TYPE, LOCATION & GRAPHIC LEGEND.



3 INSTRUCTION SIGN (16 REQUIRED)
SCALE: NOT TO SCALE

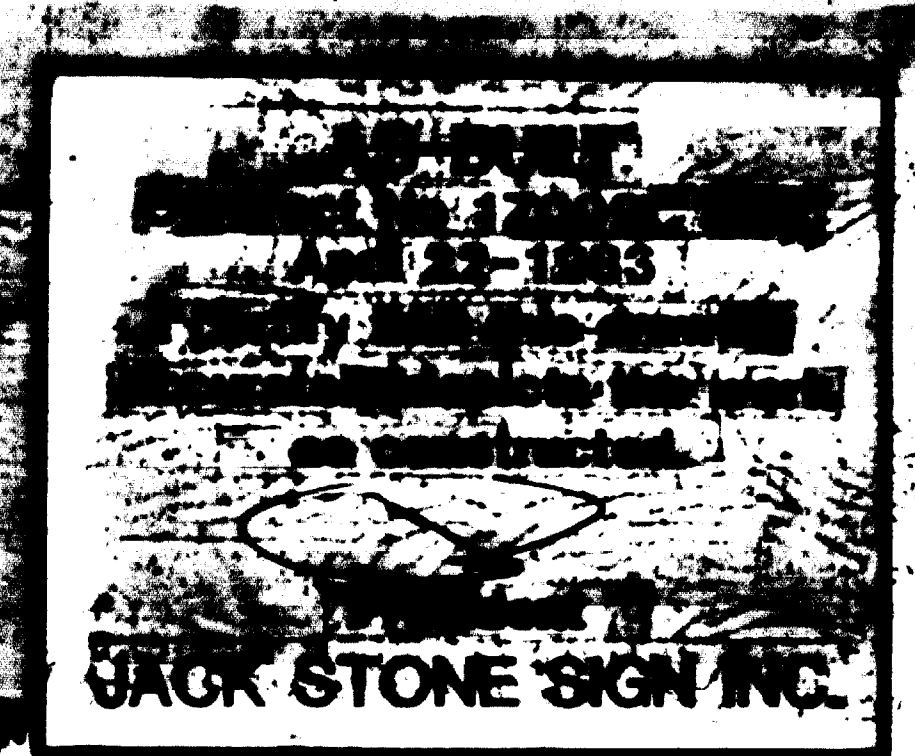
NOTE FOR INSTRUCTION SIGN:
 1. INSTRUCTION SIGN SHALL BE PORCELAIN ENAMEL WITH SAFETY RED LETTERING AND LINE WORK ON WHITE BACKGROUND.

GENERAL NOTES:
 1. SIGN: 0.080" ALUMINUM WITH PORCELAIN ENAMEL FINISH & GRAPHICS. BACKGROUND COLOR: WHITE MUNSSELL No. N9.5 LETTER COLOR: BLACK (EXCEPT INSTRUCTION SIGN).
 2. ALL SIGN LETTERING SHALL BE UPPER AND LOWER CASE HELVETICA MEDIUM, AS SHOWN. DIRECTIONAL ARROW, WHEN USED, PER WMATA MANUAL OF GRAPHICS STANDARDS.



5 TRACK & STATIONING NUMBER SIGN
SCALE: N.T.S. (IN TUNNEL)

NOTES: (TRACK & STATIONING NUMBER SIGN)
 1. TRACK & STATIONING NUMBER SIGNS TO BE LOCATED AT 100'-0" INTERVALS. OMIT IN STATIONS. SIGNS TO BE INSTALLED WITH BOTTOM OF SIGN NO LOWER THAN 6'-0" FROM TOP OF RAIL; TOP LESS THAN 9'-0" FROM TOP OF RAIL OPPOSITE SAFETY WALK.
 2. WHERE EQUIPMENT INTERFERES WITH SIGN LOCATION, RELOCATE SIGN HORIZONTALLY AS NEAR AS POSSIBLE.
 3. SPACE BETWEEN TRACK & STATIONING NUMBERS WILL VARY ACCORDING TO THE QUANTITY OF DIGITS IN STATIONING NUMBERS.



4 TRACK & STATIONING NUMBER SIGNS: FOR CONDITIONS AT GRADE & AERIAL STRUCTURE SEE TG-G-A4.



DESIGNED	MWA	12-18-81	NUMBER	DESCRIPTION	DATE	BY	REVISIONS	DESCRIPTION
DRAWN	MILA, R.M.	12-18-81						
CHECKED	Eden	12-18-81						
APPROVED	Eden	12-18-81						

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

DE LEUW, CATHAR & COMPANY
GENERAL ENGINEERING CONSULTANT

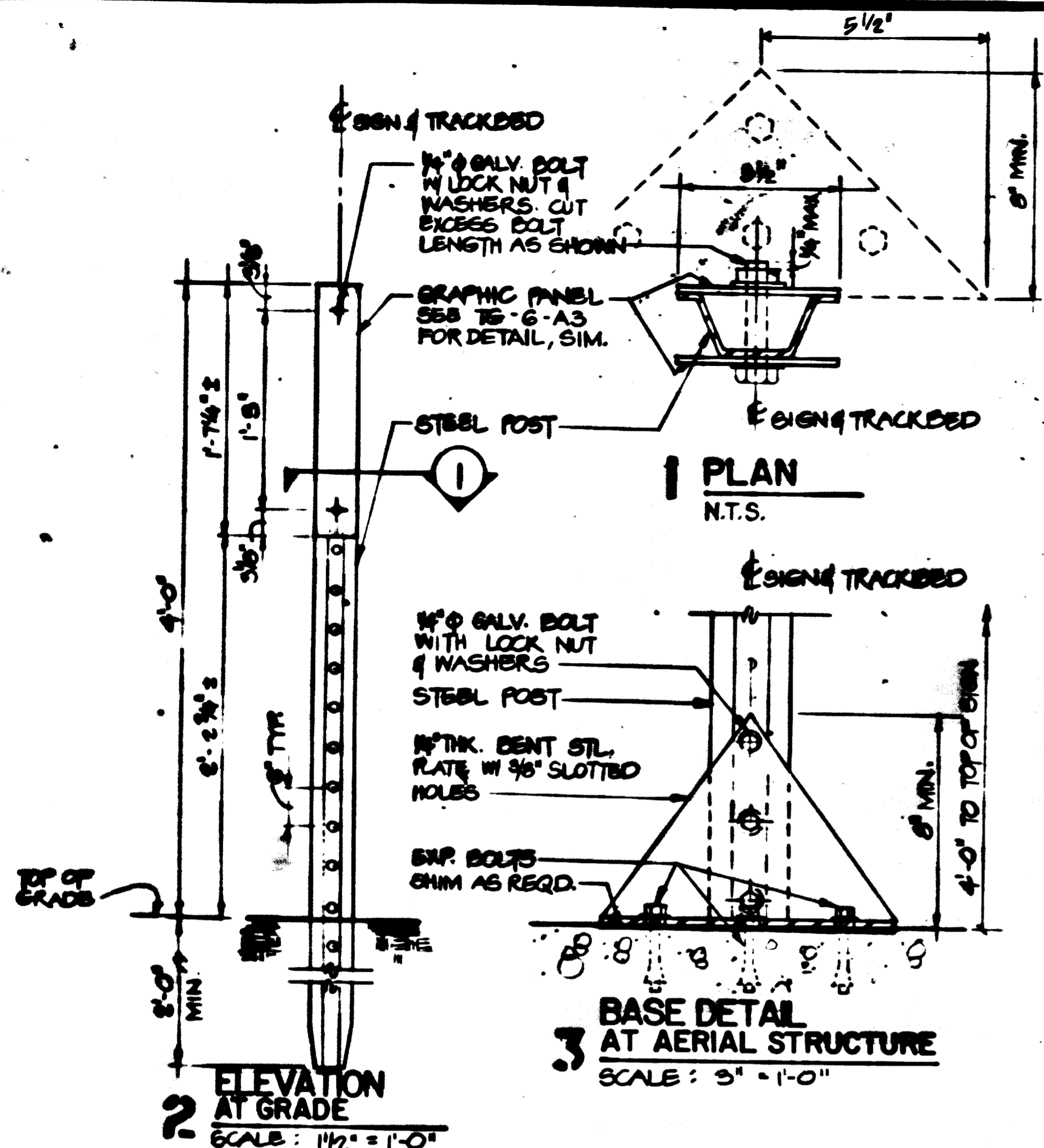
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

DATE: 11/3/82

TUNNEL GRAPHICS
PORCELAIN ENAMEL SIGNS
& INSTRUCTION SIGN FOR PASSENGER
EMERGENCY EXIT

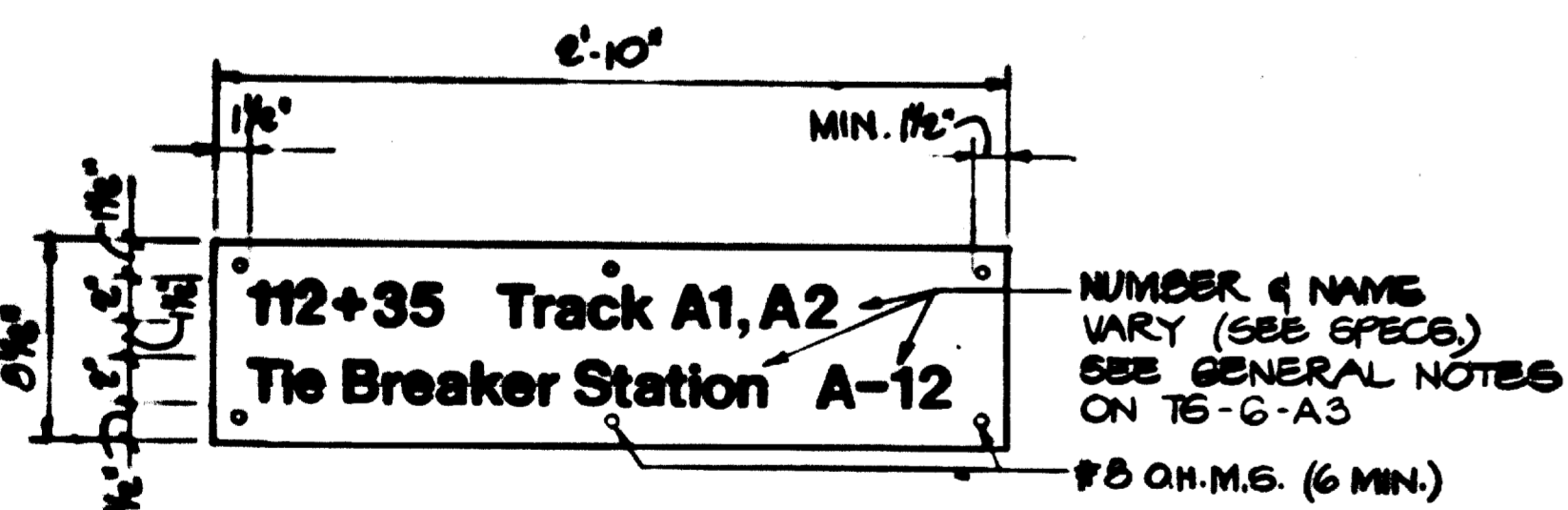
SCALE: AS NOTED

DRAWING NO: TG-6-A3 M523-3



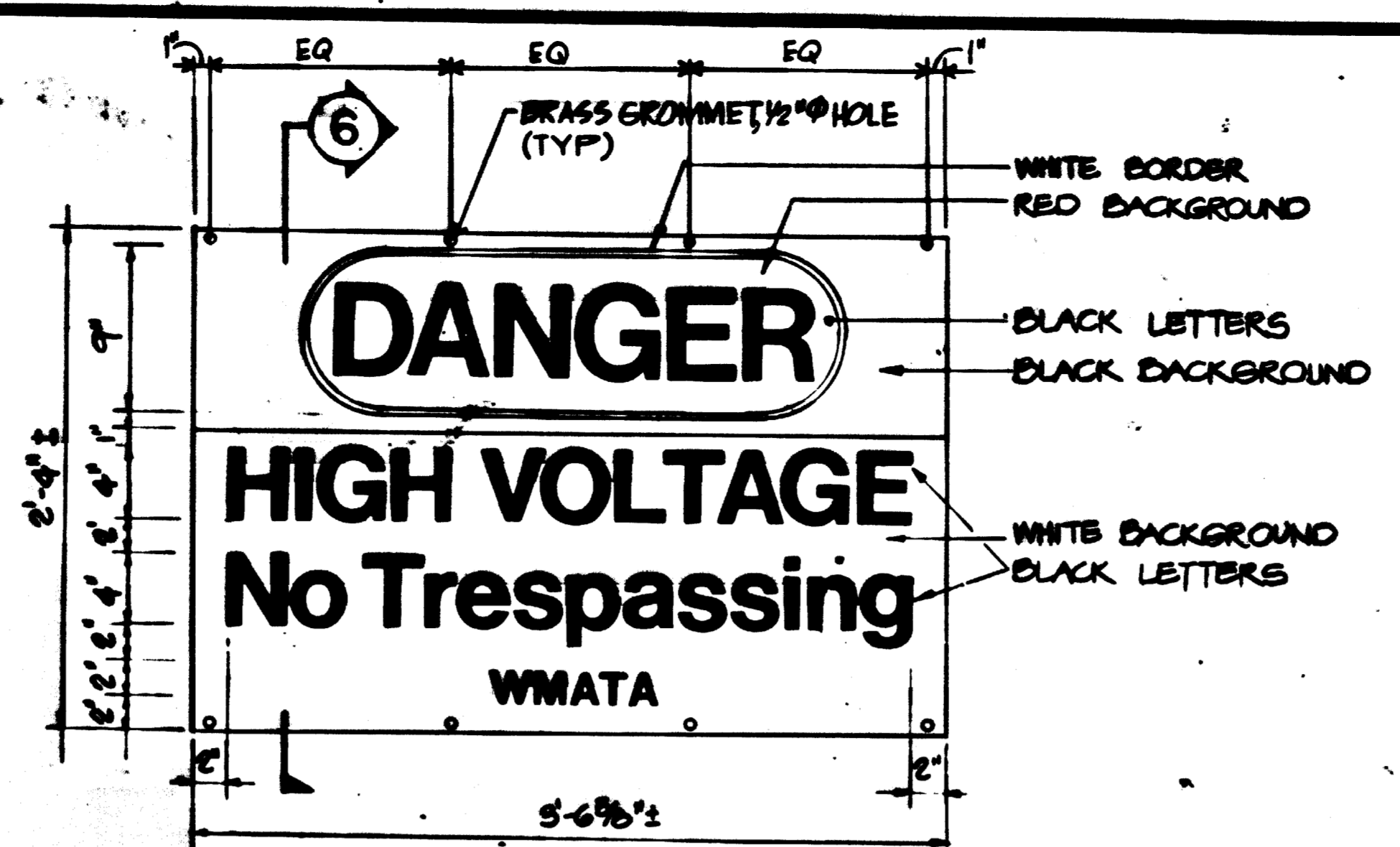
TRACK & STATIONING NUMBER SIGN MOUNTING DETAILS (AT GRADE & AT AERIAL)

NOTE:
 TRACK & STATIONING NUMBER SIGNS (AT GRADE & AT AERIAL) ARE TO BE POSITIONED AT 45° ANGLE IN RELATION TO THE TRACKS BETWEEN WHICH THEY ARE CENTERED. EACH SIGN IS TO FACE THE TRACK TO WHICH IT PERTAINS. EACH SIGN IS TO FACE TRAINS APPROACHING IN THE NORMAL DIRECTION OF TRAFFIC.



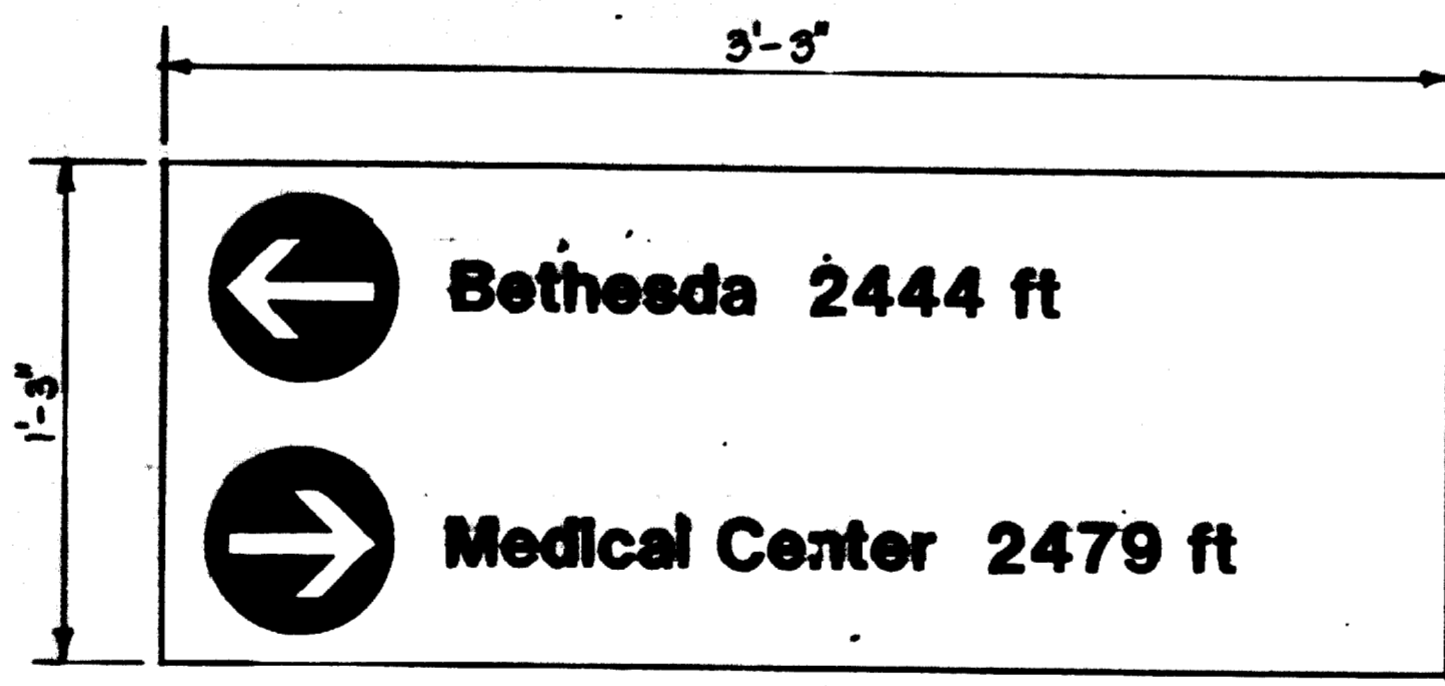
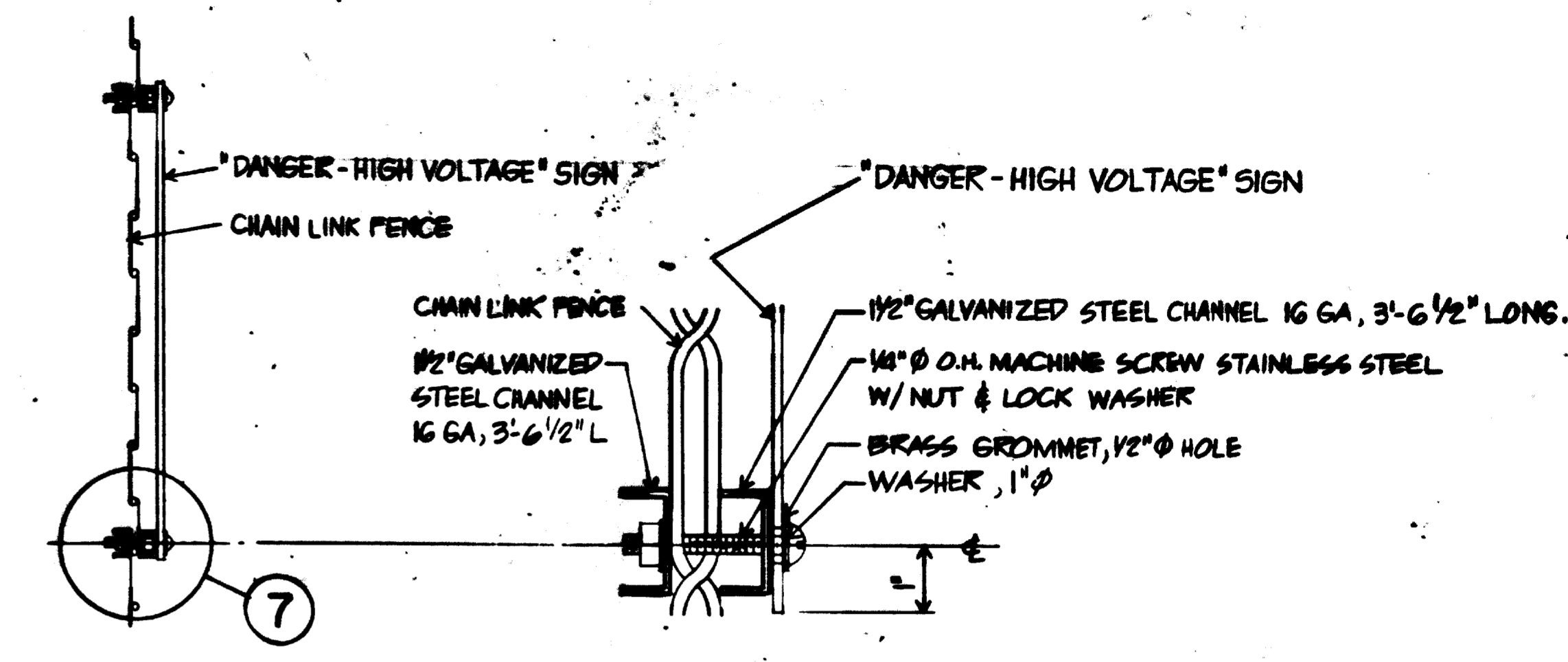
4 SERVICE ROOM IDENTIFICATION SIGN

NOTES:
 1. GLENMONT BOUND IS TRACK # A1, SHADY GROVE BOUND IS TRACK # A2.
 2. IF ABBREVIATION REQUIRED, CONTRACTOR IS TO SUBMIT RECOMMENDED ABBREVIATION TO THE ENGINEER FOR APPROVAL.



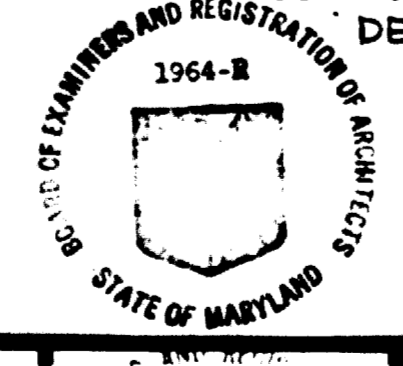
5 "DANGER - HIGH VOLTAGE" SIGN

NOTES:
 1. SIGNS TO BE FIBERGLASS WITH EMBEDDED GRAPHICS 120 MILS THICK, SHEAR CUT.
 2. "DANGER" PORTION OF SIGN TO BE STANDARD OSHA REQUIREMENT, COLORS AS SHOWN.
 3. SIGNS TO BE INSTALLED ON R.O.W. FENCING EVERY 250' ± AND INCLUDING ONE ON EACH ACCESS GATE. SIGNS TO FACE OUTSIDE THE R.O.W.
 4. FIBERGLASS SIGN TO BE SUPPLIED BY WMATA WITH 4 HOLES ONLY. ADDITIONAL 4 HOLES WITH GROMMETS TO BE PROVIDED BY CONTRACTOR.



8 ENTRANCE SIGN

NOTES:
 1. ENTRANCE SIGNS SIMILAR TO DIRECTION & DISTANCE SIGNS.
 2. SEE PLANS & SPECIFICATIONS FOR LOCATION & GRAPHIC LEGEND.
 3. MOUNT ONTO CONCRETE W/ G FASTENERS MIN. AS SPECIFIED EXCEPT WHEN CONDUITS BEHIND, USE BACK-UP CHANNELS & SLEEVES (SEE DETAILS 1 & 2, DRAWING A3 & SPECIFICATIONS.)



AS-BUILT
 Contract No. 12009C only
 April 22-1983
 I certify that this drawing accurately depicts the work as constructed.
 President
JACK STONE SIGN INC.

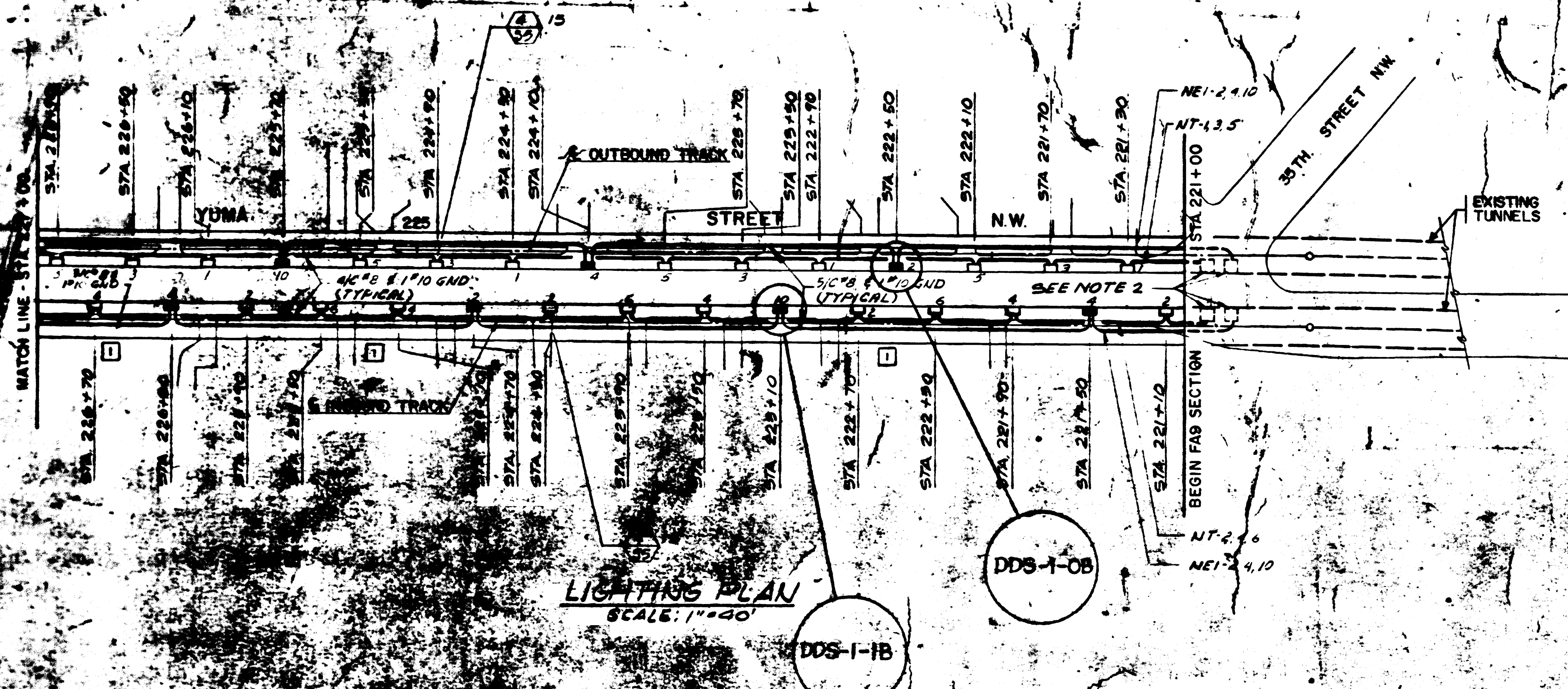
DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS		DATE	BY	DESCRIPTION
		NUMBER	DESCRIPTION	NUMBER	DESCRIPTION			
MWA	12-18-81							
DRAWN	12-18-81							
CHECKED	12-18-81							
APPROVED	12-18-81							

1964-B
 STATE OF MARYLAND
 ENGINEER
 ROBERT J. KARN
 A-2972

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT
 SUBMITTED: Robert J. Karn 1/13/82

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT
 APPROVED: Robert J. Karn 1/13/82

TUNNEL GRAPHICS
 PORCELAIN ENAMEL & FIBERGLASS SIGNS
 SCALE: AS NOTED
 DRAWING NO: TG-6-A4 M523-4



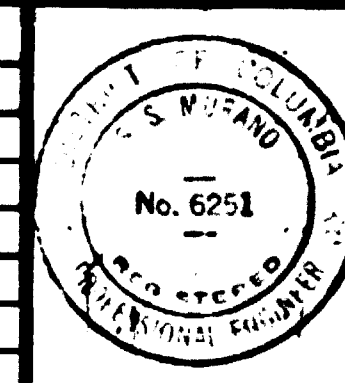
NOTES:
 1. SEE DWG. E-3 FOR GENERAL NOTES.
 2. EXISTING JUNCTION BOXES EXTEND CIRCUITS AS SHOWN FOR NORMAL AND EMERGENCY LIGHTING.

REVISIONS
 Revision No 12009C-01
 April 22-1983
 I certify that this drawing accurately depicts the work to be constructed.
 President
JACK STONE SIGN INC.

FOR INFORMATION ONLY
 USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY

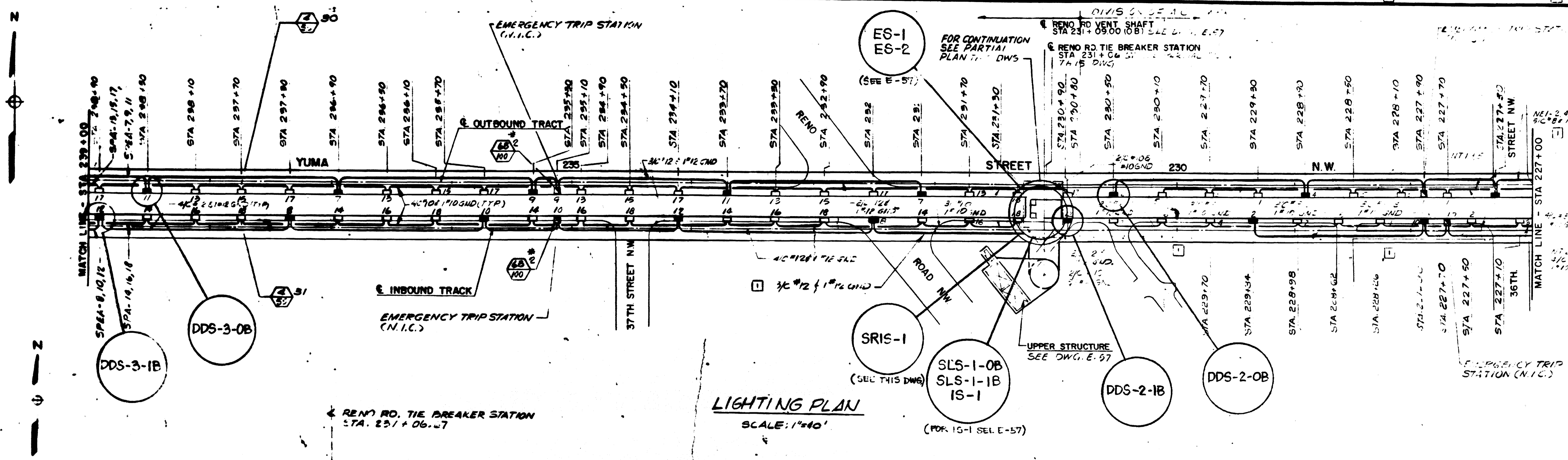
DESIGNED **M. FELERSTEIN** 9-3-73 DATE
 DRAWN **F. MAR** 9-12-73 DATE
 CHECKED **L. ABRAHAM** 10-7-73 DATE
 APPROVED *[Signature]* DATE

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
E-15	TUNNEL POWER PLAN	6-8-81	A.P.



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 PARSONS ASSOCIATES
 &
 THE RALPH M. PARSONS COMPANY
 SECTION DESIGNER
 SUBMITTED BY *[Signature]*
 DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT
 APPROVED: *[Signature]*

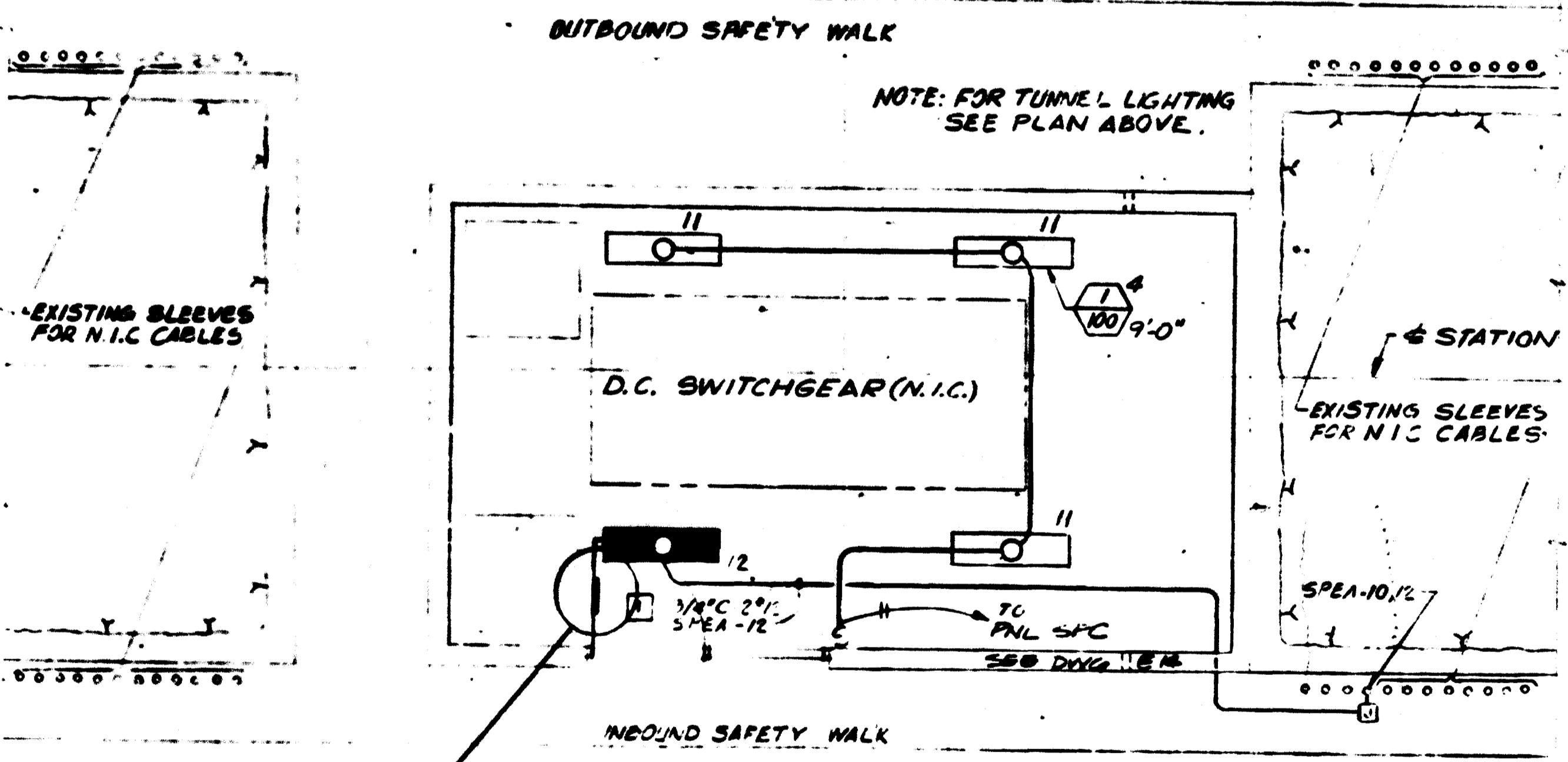
ROCKVILLE ROUTE
TUNNEL LIGHTING PLAN
 STA. 221+00 TO STA. 227+00
 SCALE: 1" = 40'
 DRAWING NO. FA9-E-8
 M523-b



LIGHTING PLAN
SCALE: 1"=40'

(FOR IS-1 SEE E-57)

NOTE:
1. SEE DWG E-3 FOR GENERAL NOTES.



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

AS-BUILT
Contract No 1Z009C only
April 22-1983
I certify that this drawing
accurately depicts the work
as constructed.

President
JACK STONE SIGN INC.

FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL
GRAPHICS PER CONTRACT 1Z009C ONLY

DESIGNED	M. FEUERSTEIN	N-13-73
DRAWN	F. MAR	N-25-73
CHECKED	L. ABRAHAM	10-1-75
APPROVED	<i>[Signature]</i>	10-1-75

NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
A-32	RENO RD. VENT SHAFT & RENO RD. TIEBREAKER STA.	6-8-81	<i>[Signature]</i>	GENERAL REVISION PER PCO #8
M-12	RENO RD. TIEBREAKER STATION PLAN & SECTION			
E-14	TUNNEL POWER PLANS			
E-57	RENO RD. VENT SHAFT LIGHTING PLANS & SECTIONS			

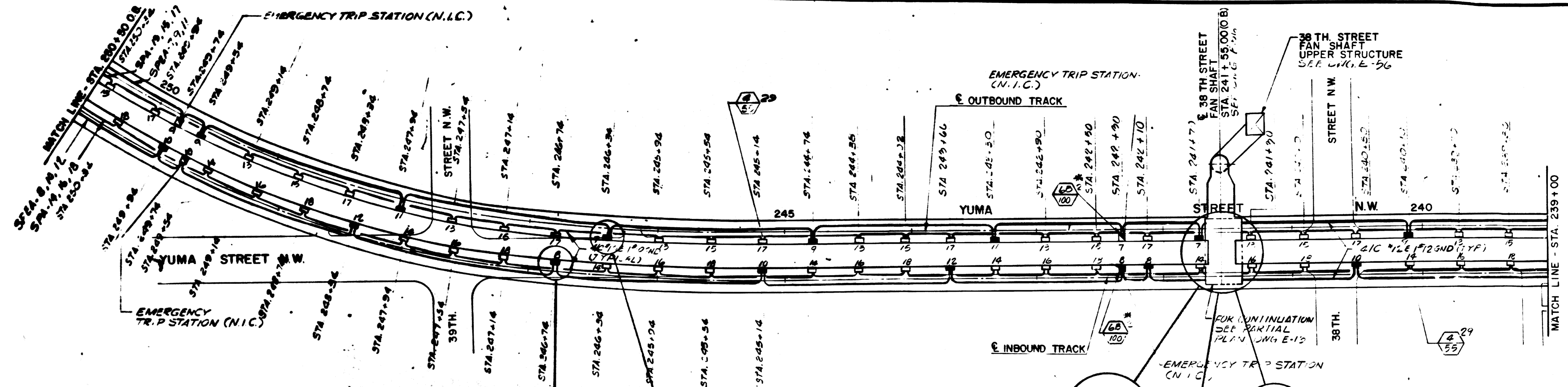
DESIGNED	DRAWN	CHECKED	APPROVED
M. FEUERSTEIN	F. MAR	L. ABRAHAM	<i>[Signature]</i>

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES THE RALPH M. PARSONS COMPANY SECTION DESIGNER SUBMITTED BY: <i>[Signature]</i>	DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT HARRY WEESE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT APPROVED: _____
--	--

ROCKVILLE ROUTE
TUNNEL LIGHTING PLAN
STA 227+00 TO STA 239+00

SCALE: 1"=40' DRAWING NO. **FA9-E-7**



LIGHTING PLAN
SCALE: 1"=40'

NOTE:
1. SEE DWG. E-3 FOR GENERAL NOTES.

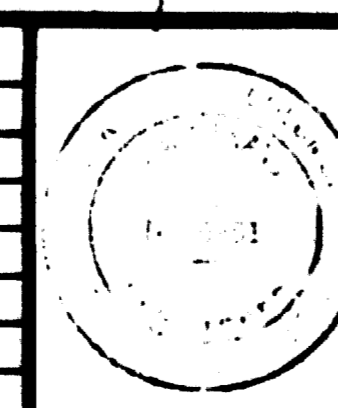
AS-BUILT
Contract No 1Z009C only
April 22-1983
I certify that this drawing
accurately depicts the work
as constructed.

President
JACK STONE SIGN INC.

FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL
GRAPHICS PER CONTRACT 1Z009C ONLY

DESIGNED	M. FEUERSTEIN	8-21-73
DRAWN	F. MAR	8-29-73
CHECKED	L. ADAMIAN	10-8-78
APPROVED	<i>[Signature]</i>	10-15-78

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
A-51	38TH ST FAN SHAFT PLANS AND SECTIONS			
E-13	TUNNEL POWER PLANS			
E-56	38TH ST FAN SHAFT LIGHTING PLANS & SECTIONS			



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES
A
THE RALPH M. PARSONS COMPANY
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

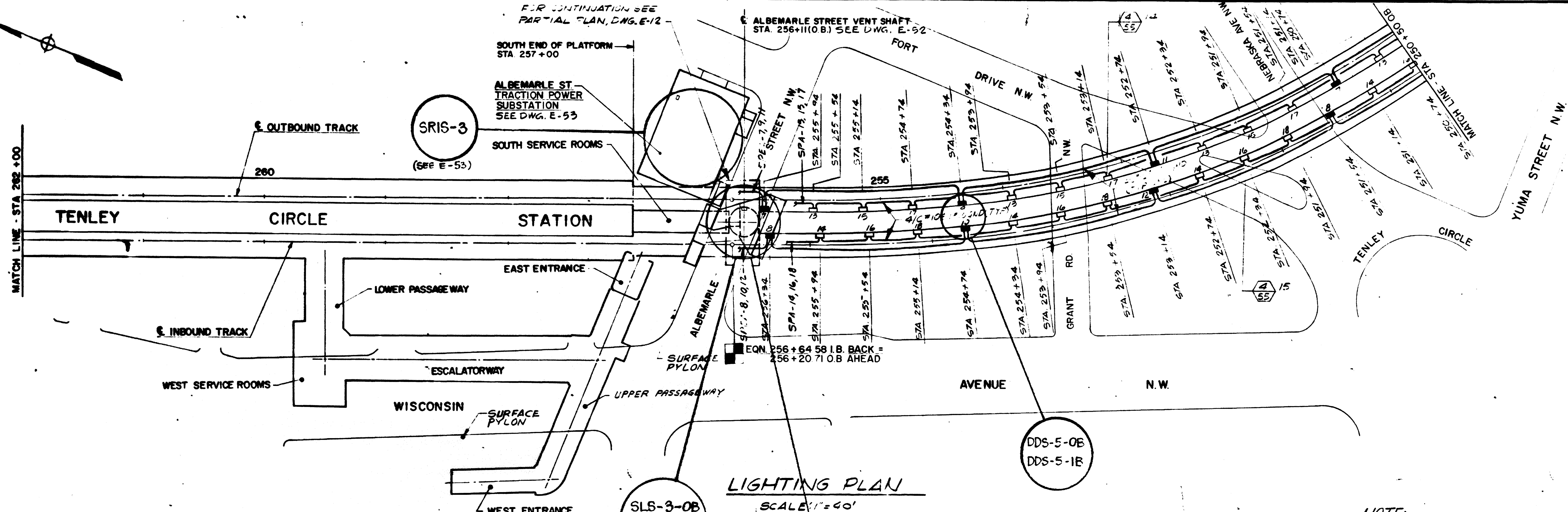
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

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

ROCKVILLE ROUTE
TUNNEL LIGHTING PLAN
STA 239+00 TO STA. 250+50

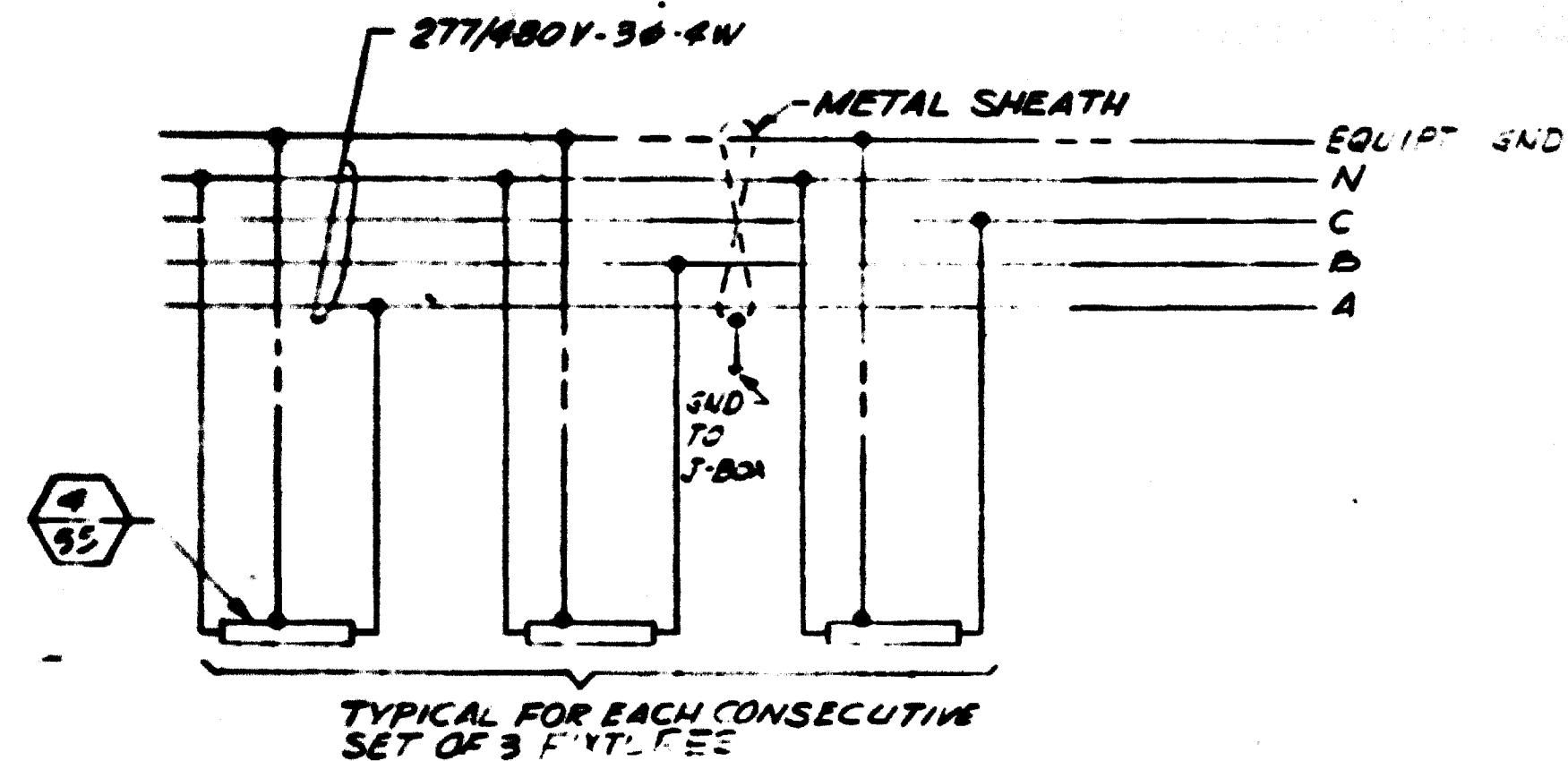
SCALE: 1"=40' 0 20 40

DRAWING NO.
FA9-E-6



LIGHTING PLAN
SCALE 1" = 40'

NOTE:
1. SEE DWG. E-3 FOR GENERAL NOTES.



CIRCUIT DIAGRAM
TYPE TUNNEL NORTH

AS-BUILT
Contract No 1Z009C only
April 22-1983
I certify that this drawing accurately depicts the work as constructed.
President
JACK STONE SIGN INC.

FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 1Z009C ONLY

DESIGNED	M FEUERSTEIN	8-21-79
DRAWN	F MAR	8-28-79
CHECKED	L ABRAHAM	10-17-79
APPROVED	[Signature]	11-11-79

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
A 6	ALBEMARLE ST VENT SHAFT PLANS & SECTIONS			
A 9	PASSAGEWAY AND ESCALATORWAY PLANS			
A 30	ALBEMARLE ST TRACTION PWR SUBSTA PLANS & SECT			
E 12	TUNNEL POWER PLANS			
E 52	ALBEMARLE STREET VENT SHAFT			
E 53	ALBEMARLE ST TRACTION PWR SUBSTA JTG & PWR PLANS			

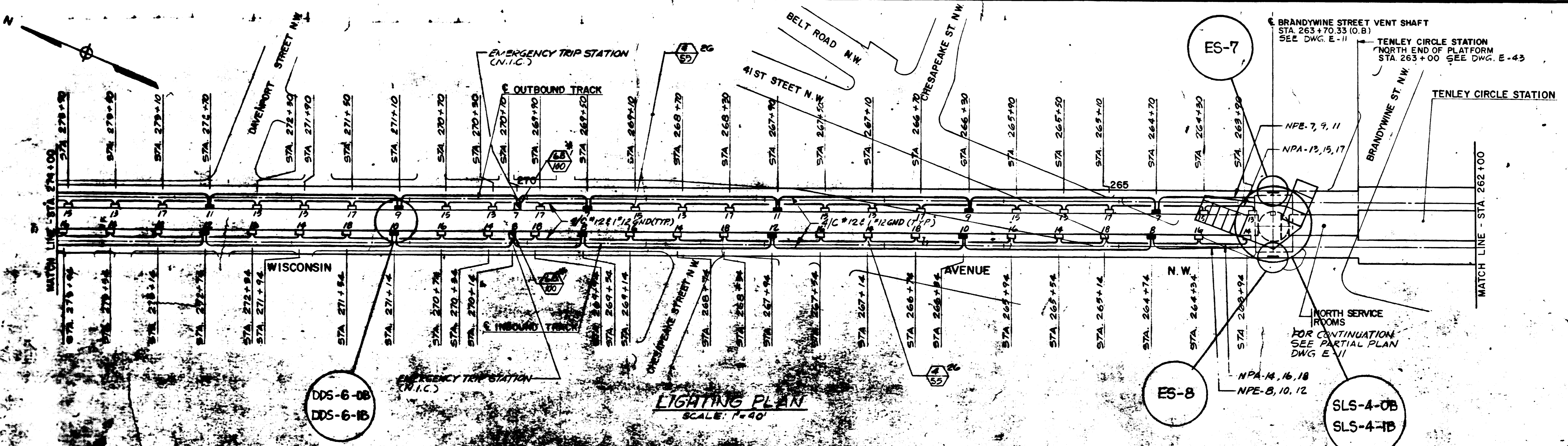
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES THE RALPH M. PARSONS COMPANY SECTION DESIGNER SUBMITTED BY: [Signature]	DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT HARRY WEESE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT APPROVED: [Signature]
---	--

ROCKVILLE ROUTE
TUNNEL LIGHTING PLAN AND DETAIL
STA 250+50 TO STA 262+00

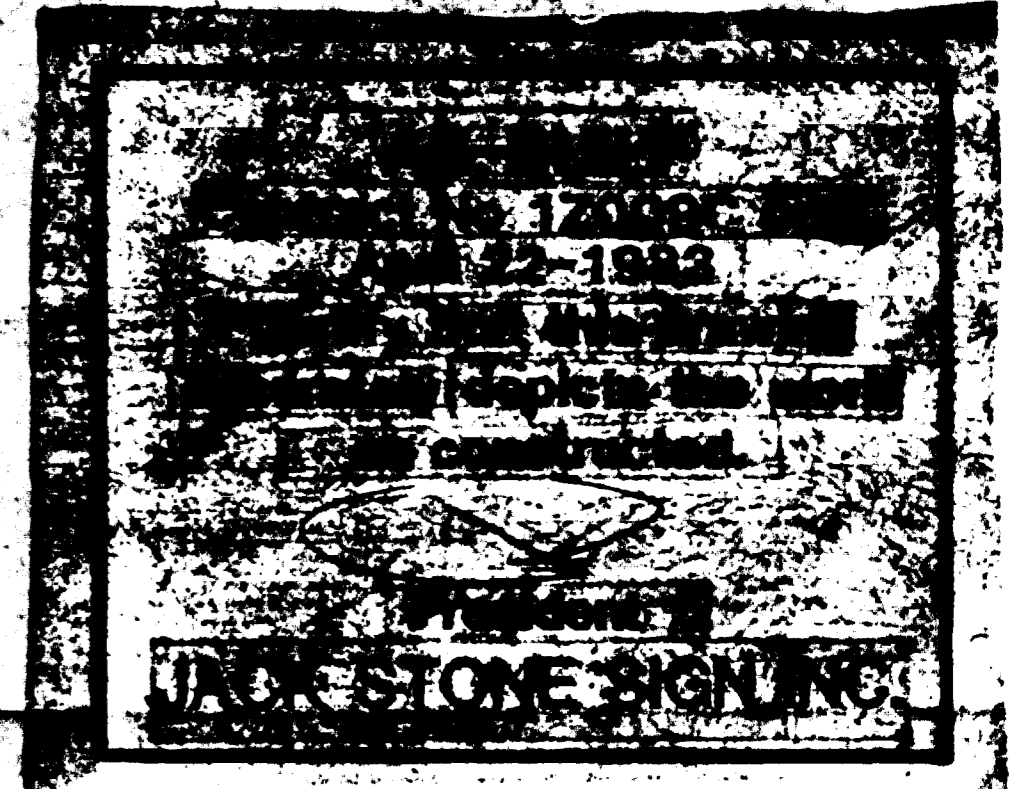
SCALE: 1" = 40'

DRAWING NO. **FA9-E-5**



LIGHTING PLAN
SCALE: 1"=40'

NOTE:
1. SEE DWG. E-3 FOR GENERAL NOTES.



FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	BY
B. FEUERSTEIN	8-19-73	A-5	BRANDYWINE ST VENT SHAFT PLANS & SECTIONS		
MAR	8-22-73	E-11	TUNNEL POWER PLAN		
L. ABRAMSON	10-7-78	E-43	NORTH SERVICE ROOMS - PLATF LEVEL PWR PLANS		
APPROVED					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES
THE RALPH M. PARSONS COMPANY
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

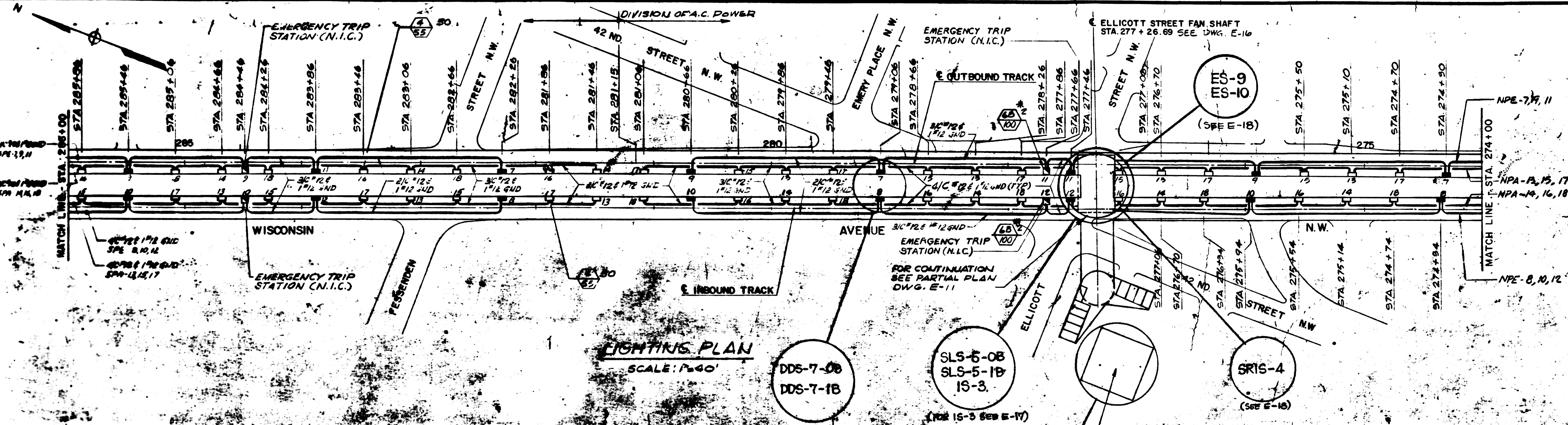
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

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

ROCKVILLE ROUTE
TUNNEL LIGHTING PLAN
STA. 262+00 TO STA. 274+00

SCALE: 1" = 40' 0 20 40 AND AS NOTED

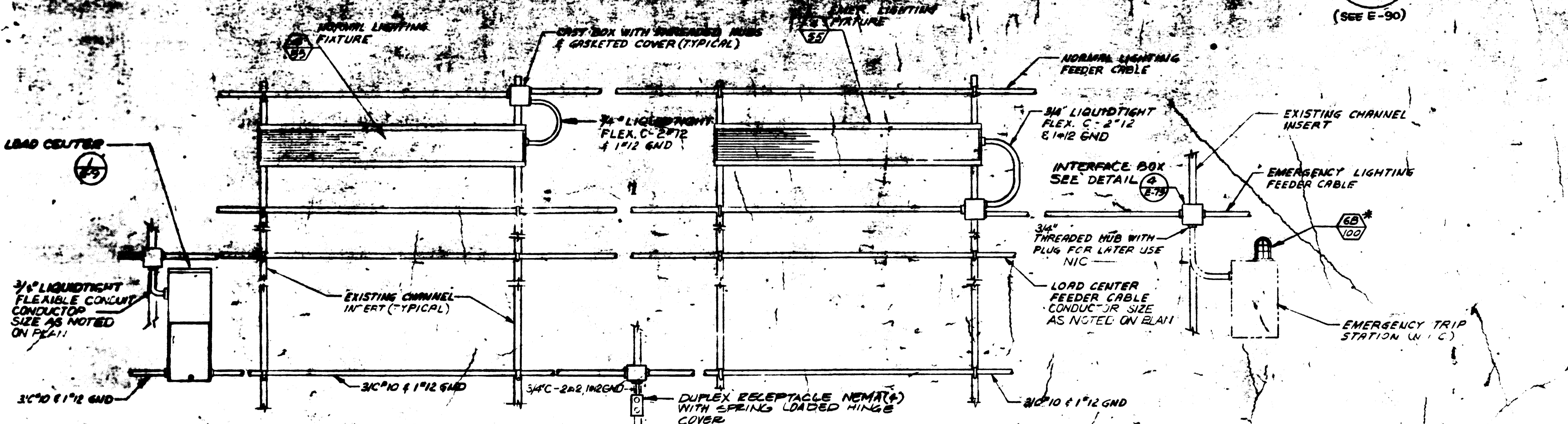
DRAWING NO. **FA9-E-4** M523-9



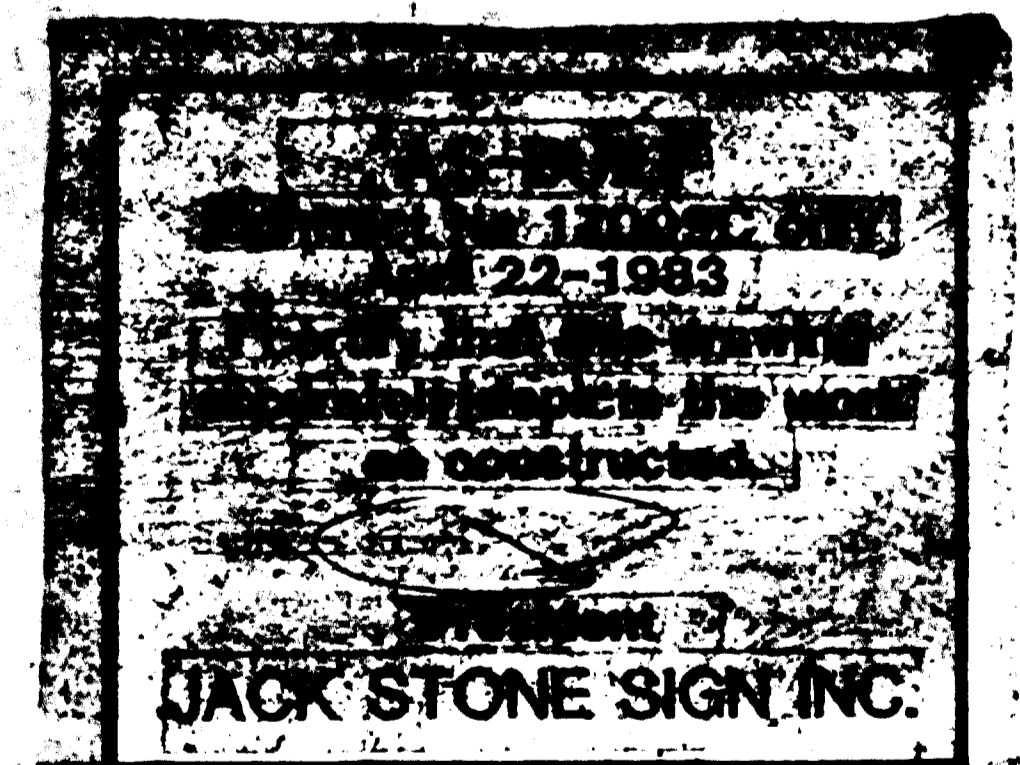
LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES (FOR E-2 THRU E-8)

- SEE DWG. E-1 FOR SYMBOLS AND ABBREVIATIONS AND GENERAL NOTES
- SEE DWG. E-2 FOR FIXTURE SCHEDULE
- FOR TUNNEL FIXTURE DETAILS SEE DETAIL-1 THIS SHEET.
- ALL TYPE LIGHT FIXTURES SHALL BE MOUNTED IN SPACE PROVIDED FOR LTS. SEE TYP. TUNNEL SECTION DWG E-10



TYPICAL TUNNEL LIGHTING & RECEPTACLE INSTALLATION
DETAIL 1
NOT TO SCALE



FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY

DESIGNED	DATE	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
M. FEUERSTEIN	8-9-73	A-5	ELLICOTT ST. FAN SHAFT PLANS AND SECTIONS			
F. MAR	8-17-73	E-9,11	TUNNEL POWER PLANS			
L. ABRAHAM	10-6-79	E-16	ELLICOTT ST. FAN SHAFT POWER PLAN			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES
THE RALPH M. PARSONS COMPANY
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

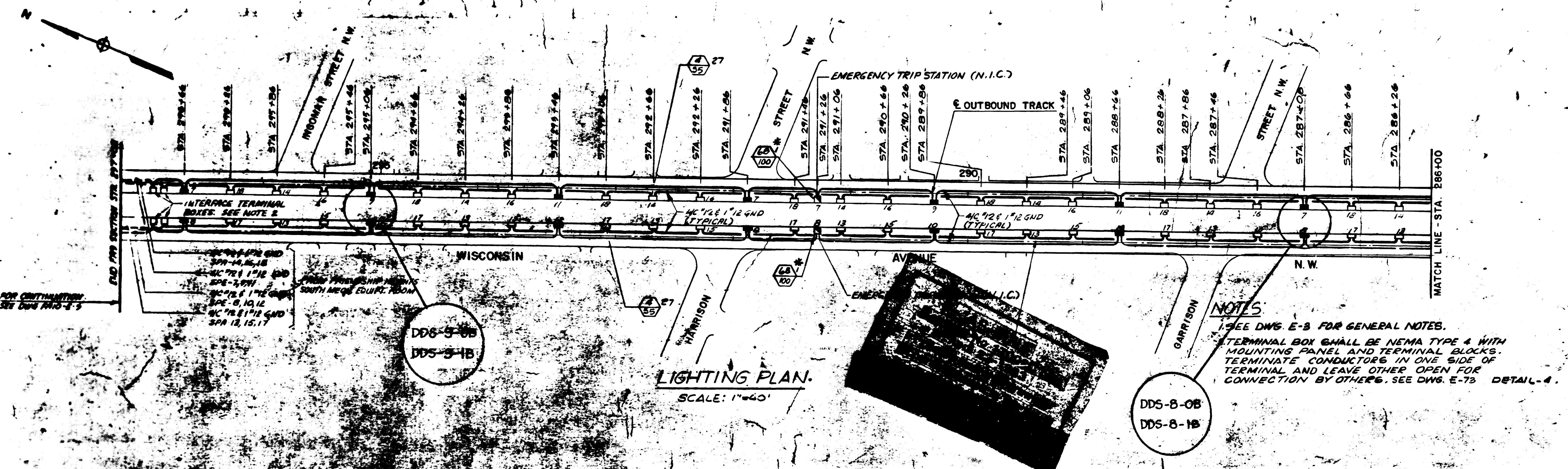
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

APPROVED:

ROCKVILLE ROUTE
TUNNEL LIGHTING PLAN AND DETAIL
STA. 274 + 00 TO STA. 286 + 00

SCALE: 1" = 40'
20 0 20 40
AND AS NOTED

DRAWING NO. FA9-E-3 M523-10



LIGHTING PLAN.
SCALE: 1"=40'

NOTES:
1. SEE DWG. E-3 FOR GENERAL NOTES.
2. TERMINAL BOX SHALL BE NEMA TYPE 4 WITH MOUNTING PANEL AND TERMINAL BLOCKS. TERMINATE CONDUCTORS IN ONE SIDE OF TERMINAL AND LEAVE OTHER OPEN FOR CONNECTION BY OTHERS. SEE DWG. E-73 DETAIL-4.

LIGHTING FIXTURE SCHEDULE

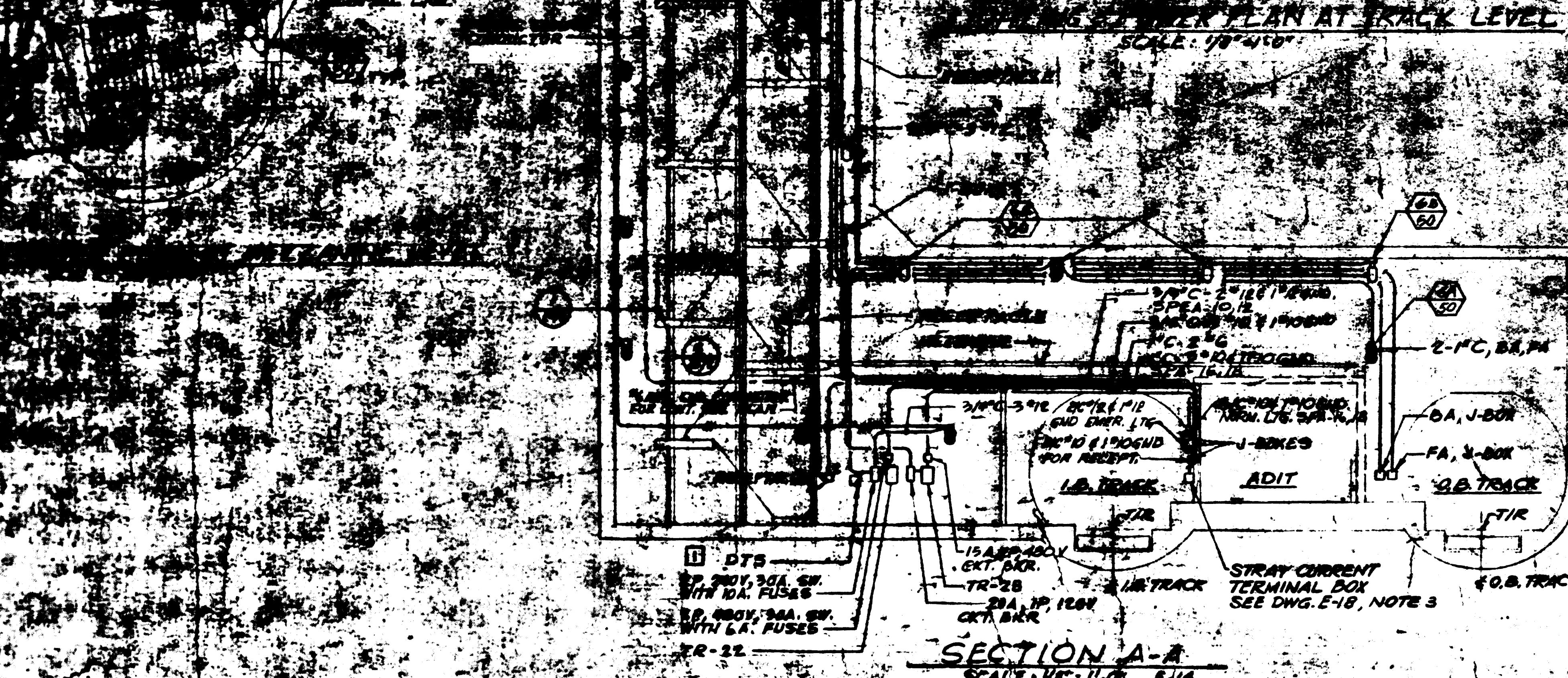
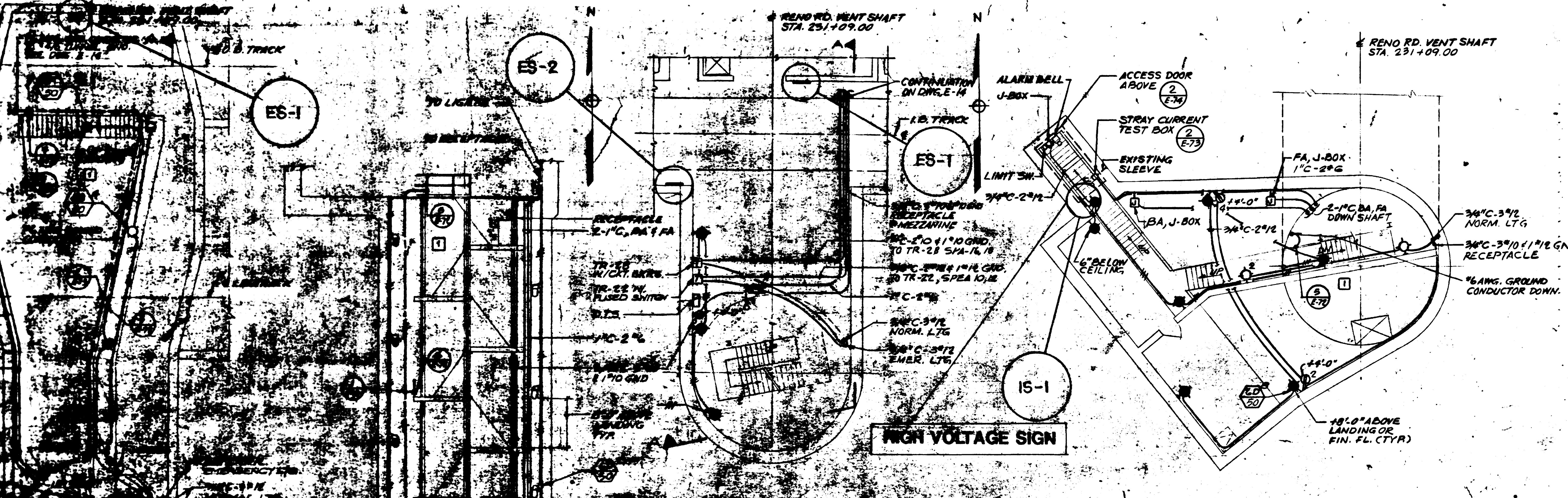
FIXTURE TYPE	NO.	DESCRIPTION	REF. DWG.
(Symbol)	ST-E-17		ST-E-17
(Symbol)	ST-E-16	* INDICATES LIGHT FIXTURE WITH BLUE GLASS GLOBE AND THE EMERGENCY TRIP STATION FURNISHED BY WMATA AND INSTALLED BY SSI CONTRACTOR.	ST-E-17
(Symbol)	SEE E-7		A-11 DETAIL 5
(Symbol)	ST-E-17		ST-E-17
(Symbol)	ST-A-40		ST-A-13
(Symbol)	ST-A-13		ST-A-13
(Symbol)	ST-A-40		ST-A-13
(Symbol)	ST-A-40		ST-A-14
(Symbol)	ST-A-40		A-16

DRAWING LIST

1	TUNNEL	E-2 THRU E-15
2	ELICOTT ST. FAN SHAFT	E-16 THRU E-18
3	TENLEY CIRCLE STATION NORTH & SOUTH AC UNIT SUBSTATION ONE LINE DIAGRAM	E-22 THRU E-23
4	TENLEY CIRCLE STATION SERVICE ROOMS ONE LINE DIAGRAM	E-24
5	PANEL SCHEDULES & MOTOR CONTROL CENTER SCHED	E-25 THRU E-30 & E-79 THRU E-82
6	BRANDYWINE ST. VENT SHAFT	E-31
7	TENLEY CIRCLE STATION	E-32 THRU E-41, E-43 THRU E-51
8	ALBEMARLE ST. VENT SHAFT	E-52, E-42
9	ALBEMARLE ST. TRACTION POWER SUB-STATION	E-53
10	KISS AND RIDE PARKING AREA	E-54
11	BB TH. ST. FAN SHAFT	E-55 AND E-56
12	RENO ROAD, VENT SHAFT	E-57
13	RENO ROAD TIE BREAKER STATION	E-7 AND E-14
14	SCHEMATIC DIAGRAMS	E-58 THRU E-62
15	POWER CONDUIT	
16	COMMUNICATION	
17	CABLE SCHEDULE	
18	MISCELLANEOUS	
19	AC POWER GROUND	
20	480V SWITCHGEAR	
21	TENLEY CIRCLE STATION	

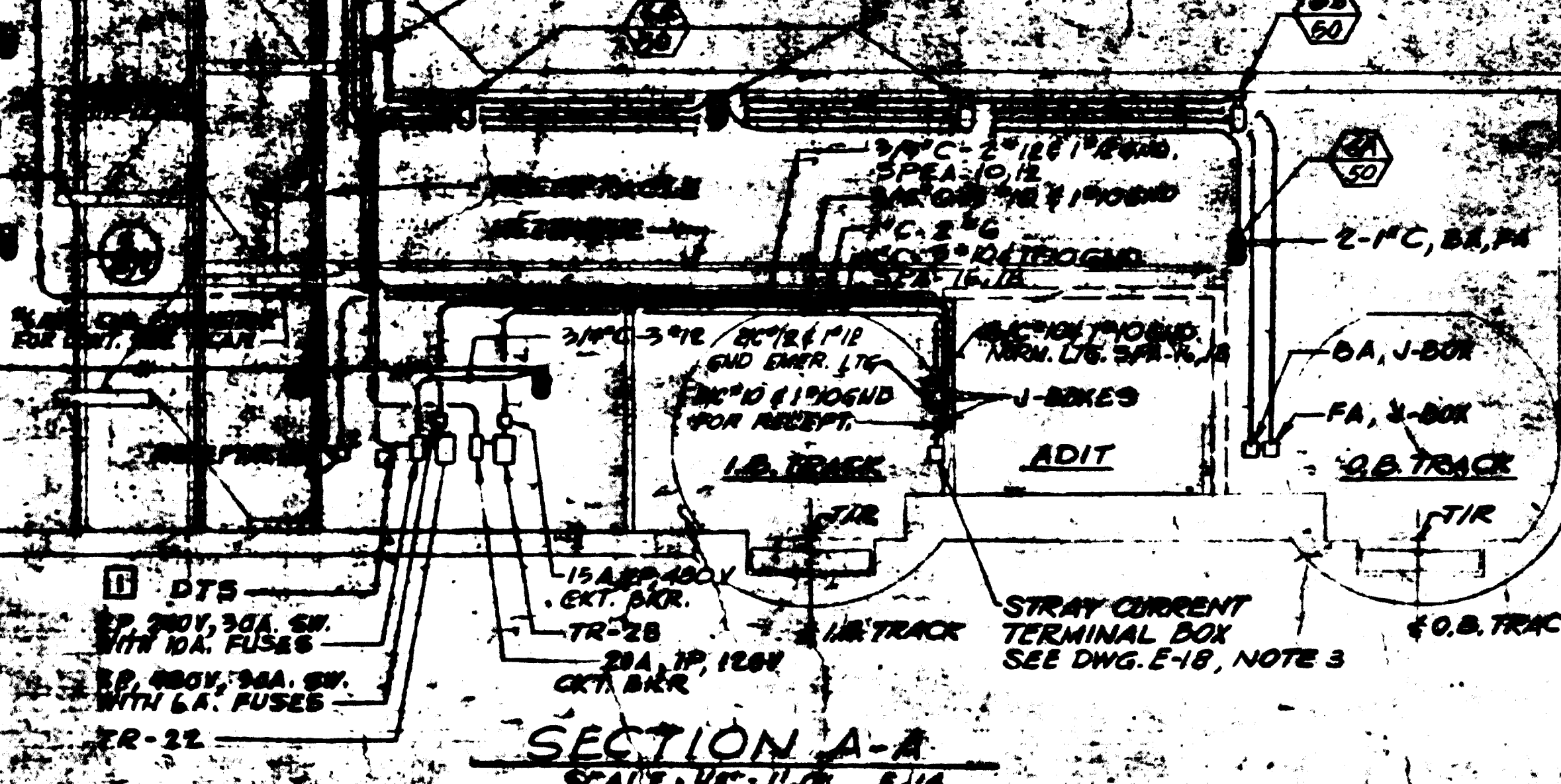
FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY

DESIGNED: M. FEUERSTEIN 8-8-73 DRAWN: F. BARR 8-12-73 CHECKED: L. ABRAHAM 10-7-73 APPROVED: [Signature] 10-17-73	REFERENCE DRAWINGS NUMBER DESCRIPTION DATE BY DESCRIPTION E-9 TUNNEL POWER PLAN AND DETAILS	REVISIONS NUMBER DESCRIPTION DATE BY DESCRIPTION	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY PARSONS ASSOCIATES THE RALPH M. PARSONS COMPANY SECTION DESIGNER SUBMITTED BY: [Signature]	DE LEUW, CATHAR & COMPANY GENERAL ENGINEERING CONSULTANT HARRY WEESE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT APPROVED: [Signature]	ROCKVILLE ROUTE TUNNEL LIGHTING PLAN AND FIXTURE SCHEDULE STA. 286+00 TO STA. 297+00 SCALE: 1"=40' 0 20 40 DRAWING NO. FA9-E-2 M523-11
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LIGHTING & POWER PLAN AT UPPER STRUCTURE
SCALE: 1/8"=1'-0"

- NOTES:**
1. SEE DWG. E-1 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
 2. SEE DWG. E-14 FOR ADIT PLAN.

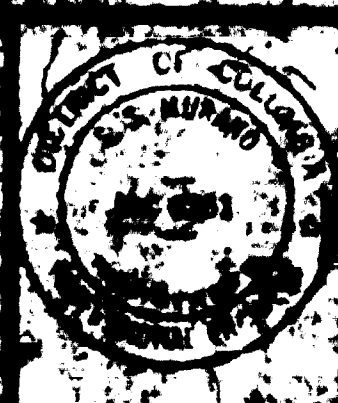


SECTION A-A
SCALE: 1/8"=1'-0" E114



FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 1Z009C ONLY

NO.	DESCRIPTION	DATE	BY	REVISION
A-32	REVISION TO SHEDT & RENO RD. VENT SHAFT	6-6-81	L.A.	1. GENERAL REVISION PER P.O. 8
E-14	REVISION TO SHEDT & RENO RD. VENT SHAFT			
E-14	REVISION TO SHEDT & RENO RD. VENT SHAFT			



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

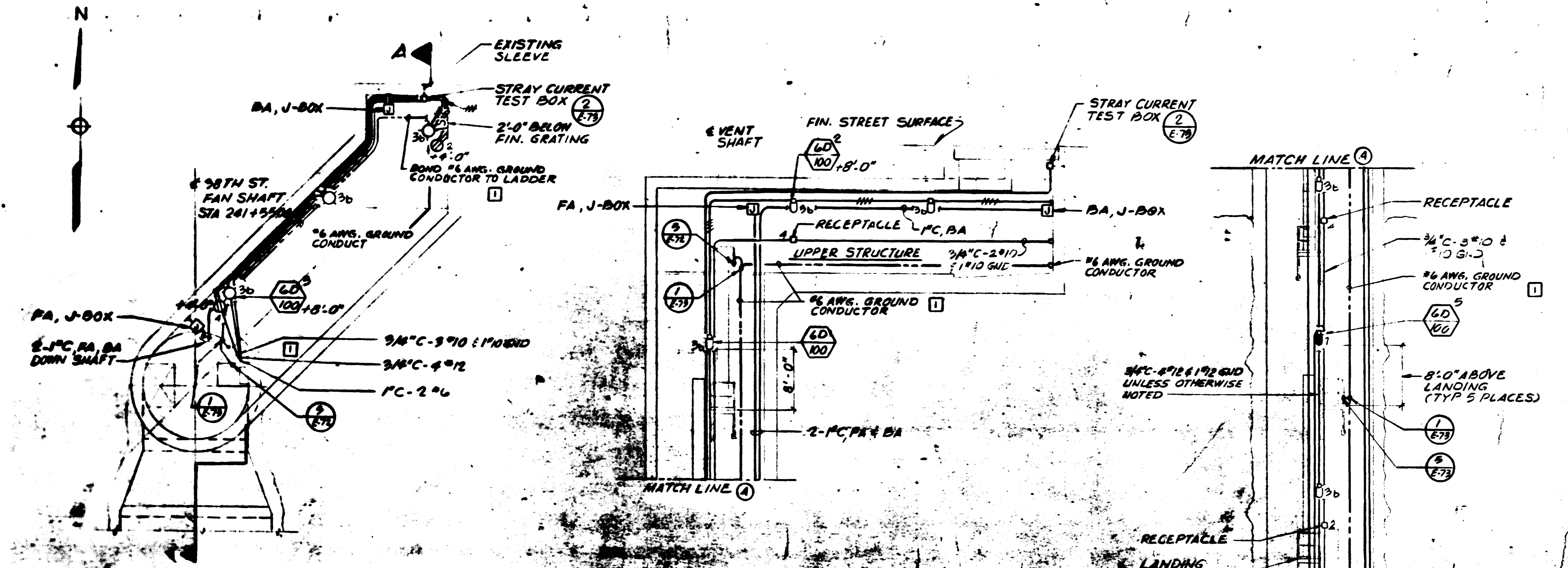
PARSONS ASSOCIATES
THE RALPH W. PARSONS COMPANY
SECTION DESIGNER

DE LEUW, CATHY & COMPANY
GENERAL ENGINEERING CONSULTANT

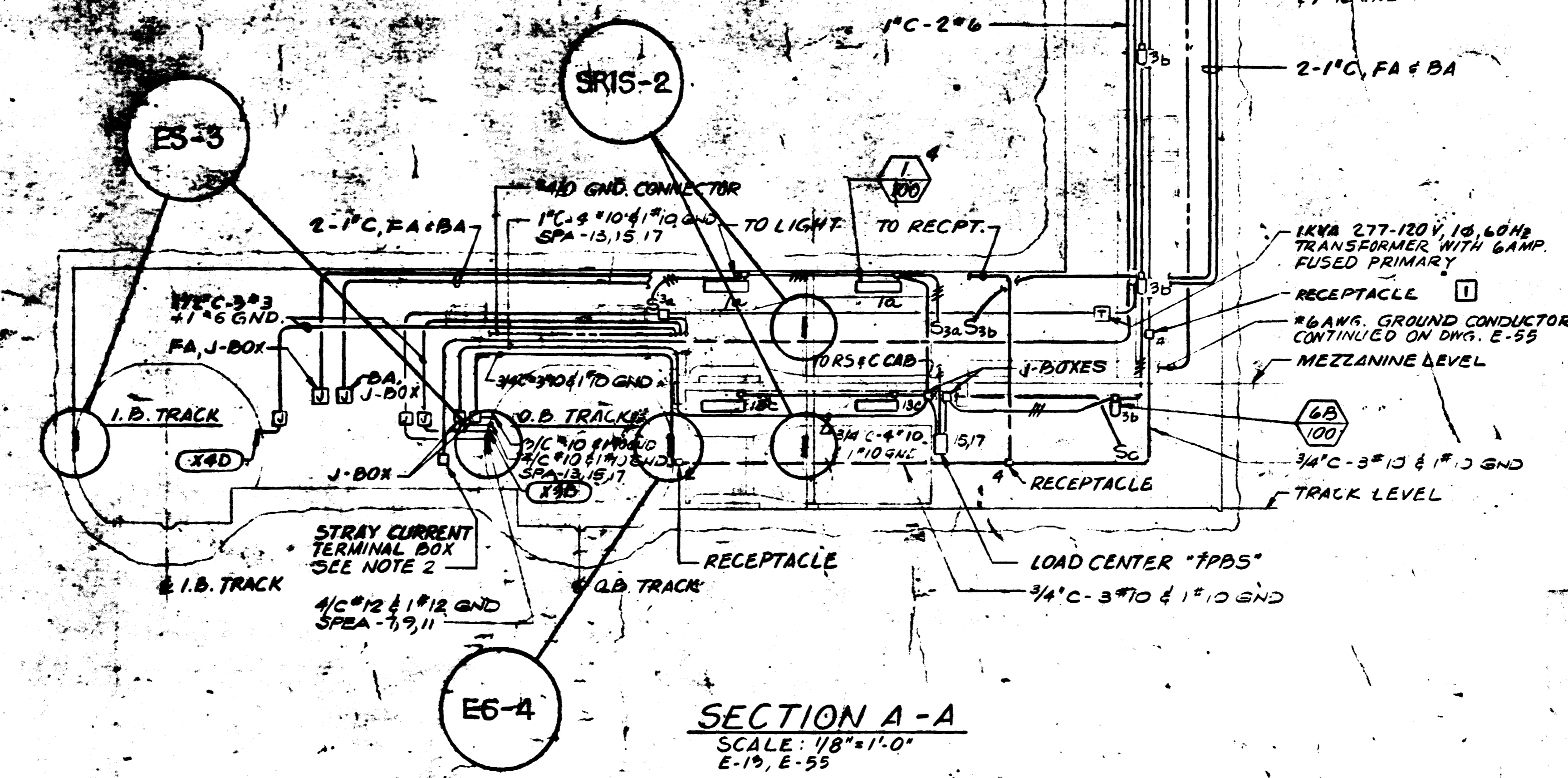
HARRY WISSE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

ROCKVILLE ROUTE
RENO RD. VENT SHAFT
LIGHTING PLANS AND SECTIONS

SCALE: 1"=1'-0" 1 2 4 6 8 10
DRAWING NO. **FA9-E-57**
M523-12



LIGHTING & POWER PLAN - UPPER LEVEL
SCALE: 1/8" = 1'-0"



SECTION A-A
SCALE: 1/8" = 1'-0"
E-19, E-55

- NOTES:**
- SEE DWG. E-1 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
 - 6" X 6" X 6" CAST BOX WITH GASKETED COVER AND 2-POINT TERMINAL BLOCK. MOUNT BOX 3'-0" ABOVE SAFETY WALK AND INSTALL 2" #6 INSULATED WIRES FROM TERMINAL BOX IN 1" CONDUIT UP TO STRAY CURRENT TEST BOX. CLAMP CONDUIT TO CONCRETE SURFACE EVERY 6'-0" MAX.



FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 1Z009C ONLY

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	BY
M. FEUERSTEIN	12-4-73	A-31	38TH ST. FAN SHAFT PLANS & SECTIONS.	6-8-81	ADD HANDRAIL GROUNDING PER
R. MAR	12-13-73	M-38	38TH ST. FAN SHAFT PLANS & SECTIONS.		PCO'S.
L. ABRAHAM	1-2-75	M-39	38TH ST. FAN SHAFT - PLANS & SECTIONS -		
			UPPER STRUCTURE.		
		E-9,13	TUNNEL POWER PLAN & DETAILS		
		E-55	38TH ST. FAN SHAFT - ONE LINE DIAG & POWER PLAN		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES
THE RALPH M. PARSONS COMPANY
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

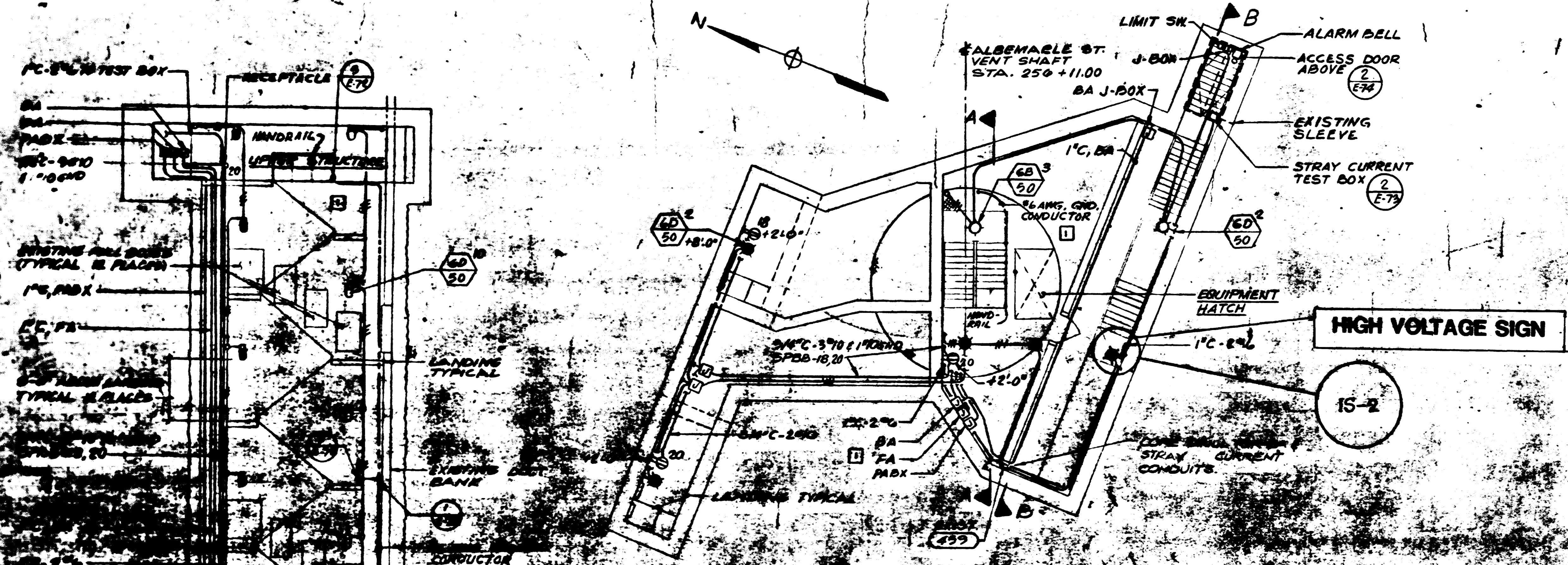
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED: [Signature]
APPROVED: [Signature]

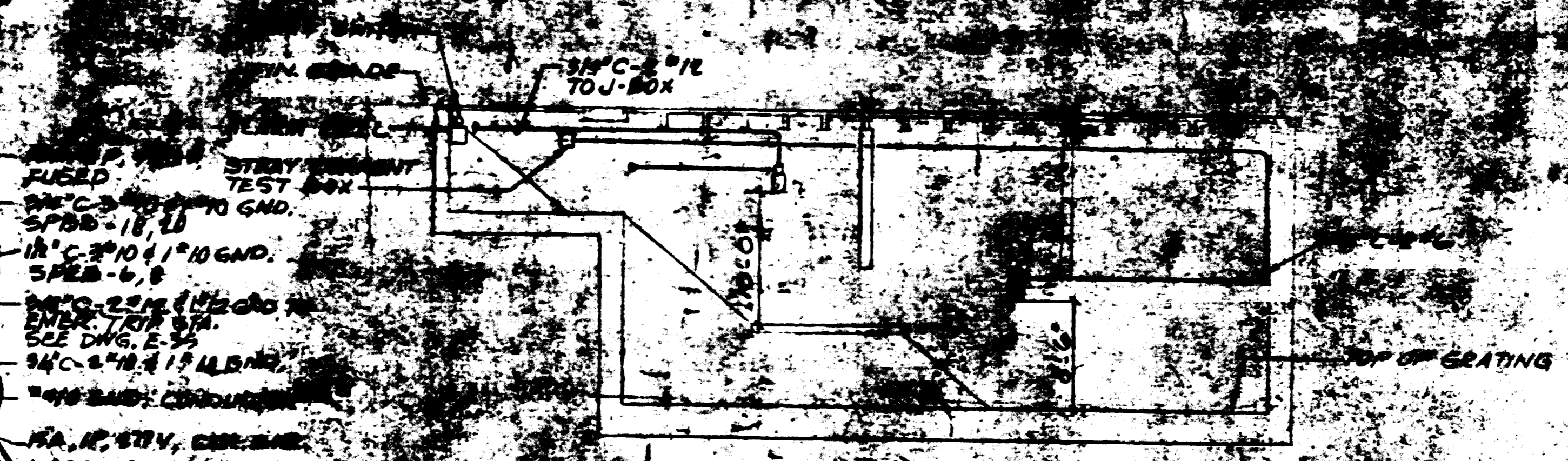
ROCKVILLE ROUTE
38TH STREET FAN SHAFT
LIGHTING PLANS AND SECTIONS

SCALE: 1/8" = 1'-0" AND AS NOTED

DRAWING NO. **FA9-E-56**



LIGHTING PLAN AT UPPER STRUCTURE
SCALE: 1/8" = 1'-0"



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

NOTE:
1. SEE DWG. E-4 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES

AS-BUILT
Project No 120095
April 22-1988
Warranty that this drawing accurately depicts the work as constructed.
JACK STONE SIGN INC.

FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY

NUMBER	DESCRIPTION	DATE	BY	REVISIONS
S-7	ALBEMARLE ST. VENT SHAFT PLANS & SECTIONS	6-8-81	h/m	1 GENERAL REVISION & ADDED HAND
A-3	ALBEMARLE ST. VENT SHAFT PLANS & SECTIONS			RAIL GROUND CONDUCTOR PER PCO'S
A-30	ALBEMARLE ST. TRACTION PWR SUBSTA. PLANS & SECT			
B-37	ALBEMARLE ST. VENT SHAFT PLANS & SECTIONS			
E-5	TUNNEL LIGHTING PLAN'S DETAIL			
E-12	TUNNEL POWER PLANS			



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
PARSONS ASSOCIATES
THE RALPH M. PARSONS COMPANY
SECTION DESIGNER
SUBMITTED BY: *Stephen S. Murrice*
DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANTS
APPROVED: *[Signature]*

ROCKVILLE ROUTE
ALBEMARLE STREET VENT SHAFT
LIGHTING, POWER PLANS AND SECTIONS
SCALE: 1/8" = 1'-0" 10 2 4 6 8 10
DRAWING NO. FA9-E-42
M528-14