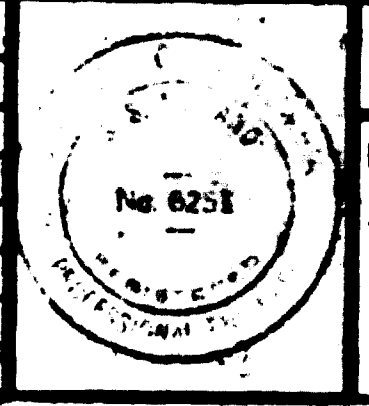


- NOTES**
1. FOR SCHEMATIC DIAGRAM SYMBOLS SEE DWG. E-58, ALSO SEE DWG. E-4 FOR OTHER SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
  2. FOR GND. BUS BAR SUPPORT SEE DWG. E-72 DETAILS.
  3. COORDINATE LIGHTING FIXTURE INSTALLATION WITH INSTALLATION OF TRACTION POWER EQUIPMENT.
  4. PROVIDE NAME PLATE WITH INSCRIPTION: "PARKING LOT LIGHTS CONTROL SWITCH"
  5. PHOTOELECTRIC CONTROL SWITCH SHALL BE MOUNTED IN FIRST LIGHTING FIXTURE IN SERVICE RUN, AT SE CORNER OF PARKING AREA. SWITCH SHALL BE SPST, 120V., 60Hz.
  6. SEE DWGS. E-63 THRU E-69 CONDUIT SCHEDULE.
  7. FOR BUS RATING, BUS BRACING, SPACES, SPARES, BREAKER INTERRUPTING CAPACITY, SEE DWG. E-51.
  8. FOR CONDUIT LOADS AND ESTIMATED MAXIMUM DEMAND, SEE DWG. E-51.

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

E-54 BUS AND RIDE PARKING AREA LIGHTING PLAN		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A-80	ALBEMARLE ST. TRACTION PWR SUBSTA. PLANS & DET.	7-30-80	[Signature]
M-36	ALBEMARLE ST. TRACTION PWR SUBSTA. PLAN, SECTION		
E-5	TUNNEL LIGHTING PLANS AND DETAIL	1-23-81	[Signature]
E-12	TUNNEL POWER PLANS	6-8-81	[Signature]
E-23	SOUTH A.E. UNIT SUBSTATION ONE LINE DIAGRAM		
E-52	ALBEMARLE STREET VENT SHAFT		



**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

PARSONS ASSOCIATES  
 THE RALPH M. PARSONS COMPANY  
 SECTION DESIGNER

DE LEUW, CATHY & COMPANY  
 GENERAL ENGINEERING CONSULTANT

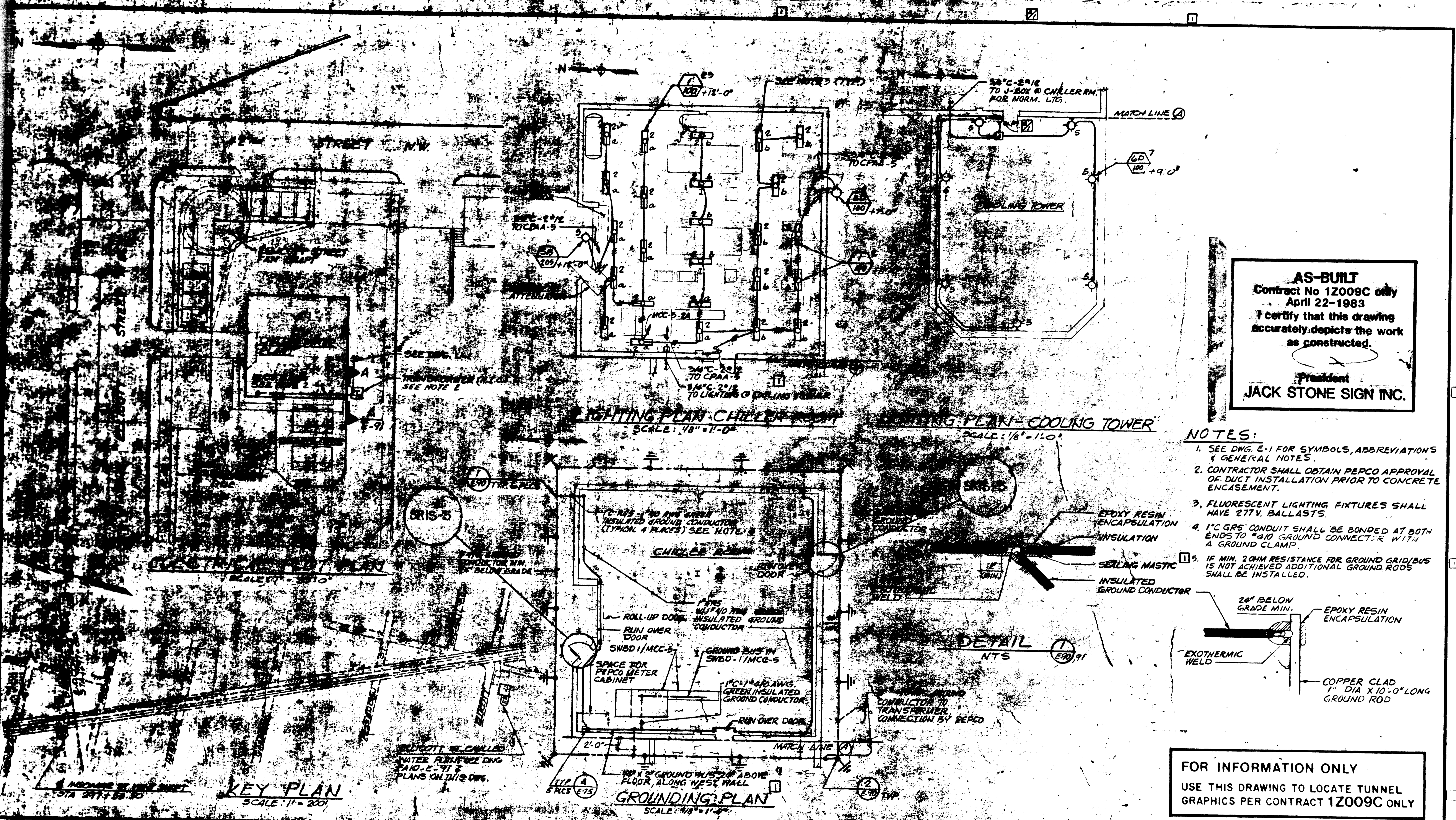
HARRY WEESE & ASSOCIATES  
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED BY: [Signature]  
 APPROVED: [Signature]

**ROCKVILLE ROUTE**  
 ALBEMARLE ST. TRACTION POWER SUBSTATION  
 ONE LINE DIAGRAM, LIGHTING AND POWER PLANS

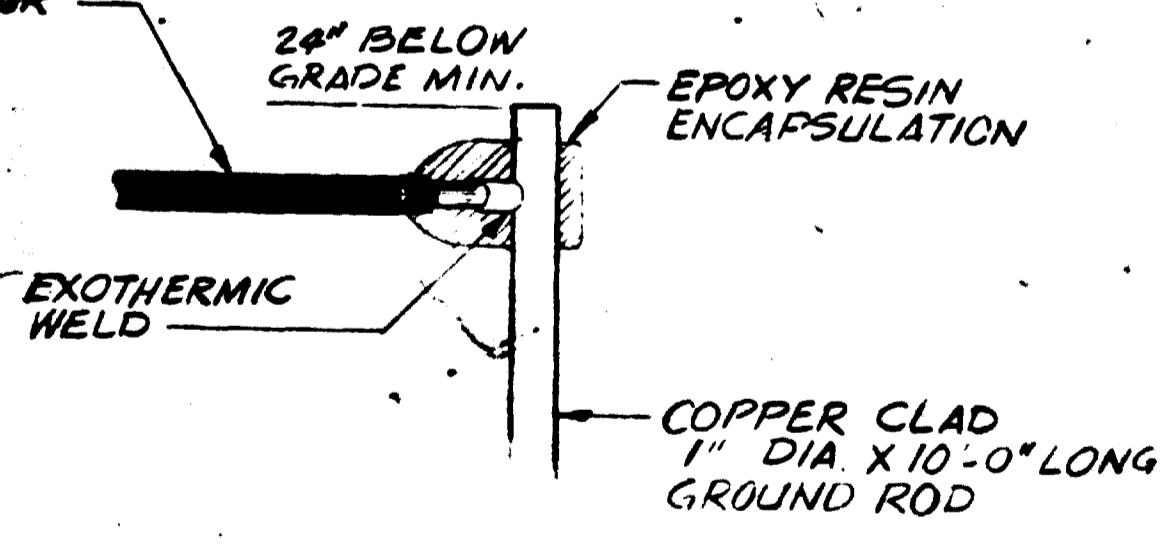
SCALE: 1/8" = 1'-0" AND AS NOTED

DRAWING NO. FA9-E-53 M523-15



**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.**

- NOTES:**
- SEE DNG. E-1 FOR SYMBOLS, ABBREVIATIONS & GENERAL NOTES.
  - CONTRACTOR SHALL OBTAIN PEPCO APPROVAL OF DUCT INSTALLATION PRIOR TO CONCRETE ENCASEMENT.
  - FLUORESCENT LIGHTING FIXTURES SHALL HAVE 277V. BALLASTS.
  - 1" GRS CONDUIT SHALL BE BONDED AT BOTH ENDS TO #410 GROUND CONNECTOR WITH A GROUND CLAMP.
  - IF MIN. 20MM RESISTANCE FOR GROUND GRID/BUS IS NOT ACHIEVED ADDITIONAL GROUND RODS SHALL BE INSTALLED.



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

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
U-1	UTILITY COMPASSITE CHILLED WATER PLANT	9-12-80	
S-16 & 17	CHILLED WATER PLANT - PLANS AND SECTIONS	5-18-81	
A-87	CHILLED WATER PLANT - PLANS AND ELEVATIONS		
N-87	CHILLED WATER PLANT - CHILLER RM. - PLANS		
N-80	CHILLED WATER PLANT - COOLING TOWERS - PLANS		
E-91	CHILLED WATER PLANT - POWER PLANT		

<b>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</b> PARSONS ASSOCIATES THE BALTIMORE PARSONS COMPANY SECTION DESIGNER		DE LEUW, CATHAR & COMPANY GENERAL ENGINEERING CONSULTANT HARRY, WEEBE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT	
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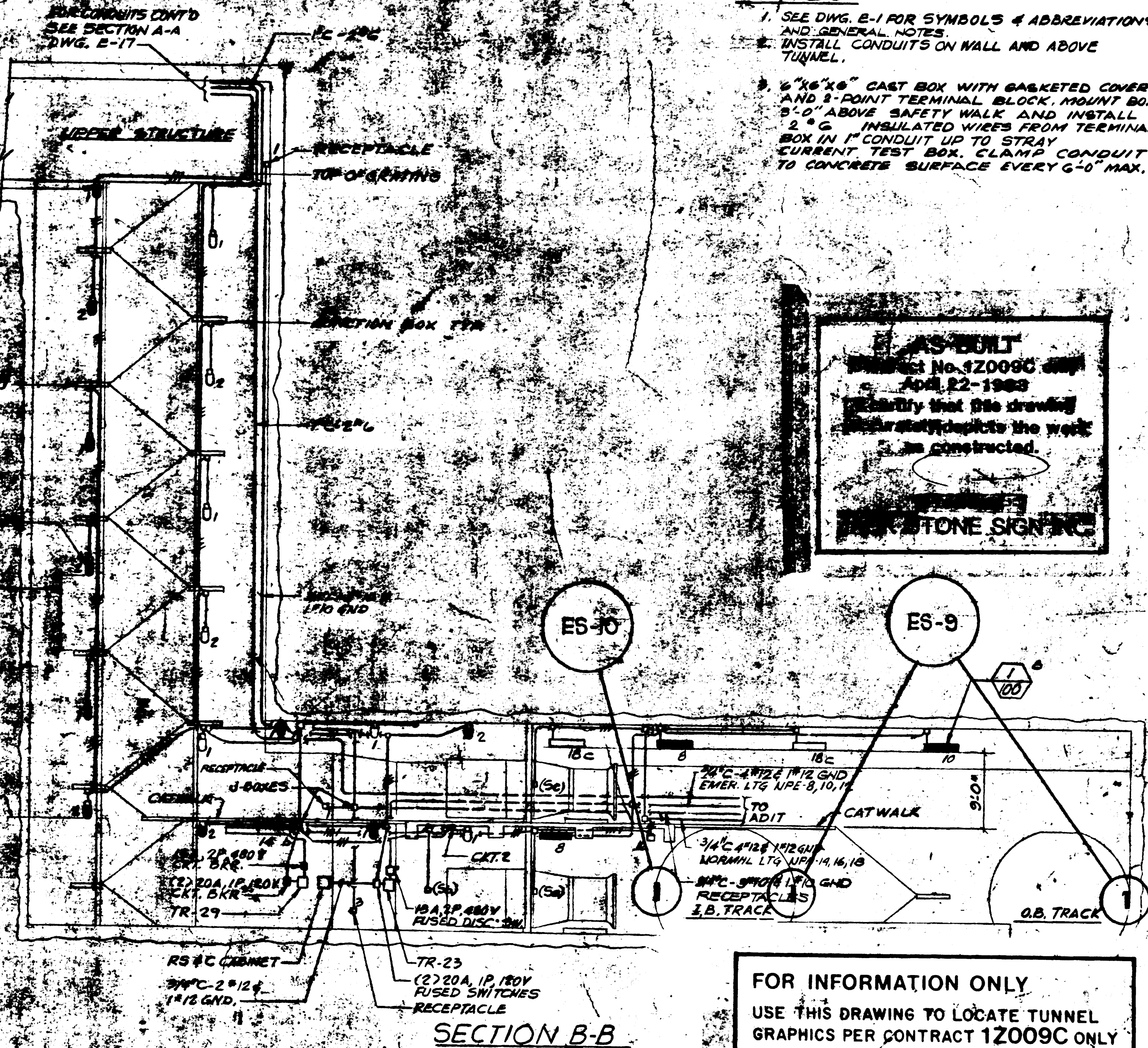
  

<b>ROCKVILLE ROUTE</b> ELLICOTT STREET CHILLED WATER PLANT LIGHTING, GROUNDING & ELEC. PLOT PLAN	
SCALE: 1/8" = 1'-0" AND AS NOTED	DRAWING NO. <b>FA10-E-90</b>

- NOTES:**
- SEE DWG. E-1 FOR SYMBOLS & ABBREVIATIONS AND GENERAL NOTES.
  - INSTALL CONDUITS ON WALL AND ABOVE TUNNEL.
  - 6"X6"X6" CAST BOX WITH GASKETED COVER AND 3-POINT TERMINAL BLOCK. MOUNT BOX 3'-0" ABOVE SAFETY WALK AND INSTALL 2" G. INSULATED WIRES FROM TERMINAL BOX IN 1" CONDUIT UP TO STRAY CURRENT TEST BOX. CLAMP CONDUIT TO CONCRETE SURFACE EVERY 6'-0" MAX.

**AS-BUILT**  
 Project No. 12009C  
 APR. 22-1968  
 Verify that this drawing accurately depicts the work as constructed.  
**ROCKSTONE SIGNING**

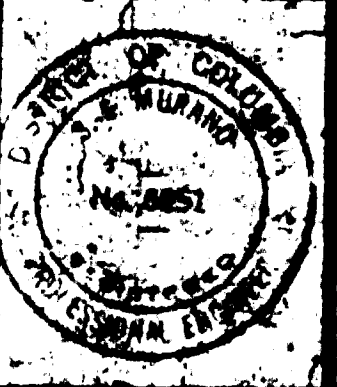
**FOR INFORMATION ONLY**  
 USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY



LIGHTING PLAN AT MEZZANINE LEVEL

PLAN AT TRACK LEVEL

NO.	DESCRIPTION	DATE	BY	REVISIONS
E-1	ELLICOTT STREET FAN SHAFT UPPER STRUCTURE PLAN			
E-2	ELLICOTT STREET FAN SHAFT LOWER STRUCTURE PLAN			
E-3	ELLICOTT STREET FAN SHAFT MEZZANINE LEVEL PLAN			
E-4	ELLICOTT STREET FAN SHAFT TRACK LEVEL PLAN			
E-5	ELLICOTT STREET FAN SHAFT ELECTRICAL PLAN			
E-6	ELLICOTT STREET FAN SHAFT LIGHTING PLAN			
E-7	ELLICOTT STREET FAN SHAFT UPPER STRUCTURE LIGHTING PLAN			
E-8	ELLICOTT STREET FAN SHAFT LOWER STRUCTURE LIGHTING PLAN			
E-9	ELLICOTT STREET FAN SHAFT MEZZANINE LEVEL LIGHTING PLAN			
E-10	ELLICOTT STREET FAN SHAFT TRACK LEVEL LIGHTING PLAN			
E-11	ELLICOTT STREET FAN SHAFT ELECTRICAL SECTION			
E-12	ELLICOTT STREET FAN SHAFT LIGHTING SECTION			



**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

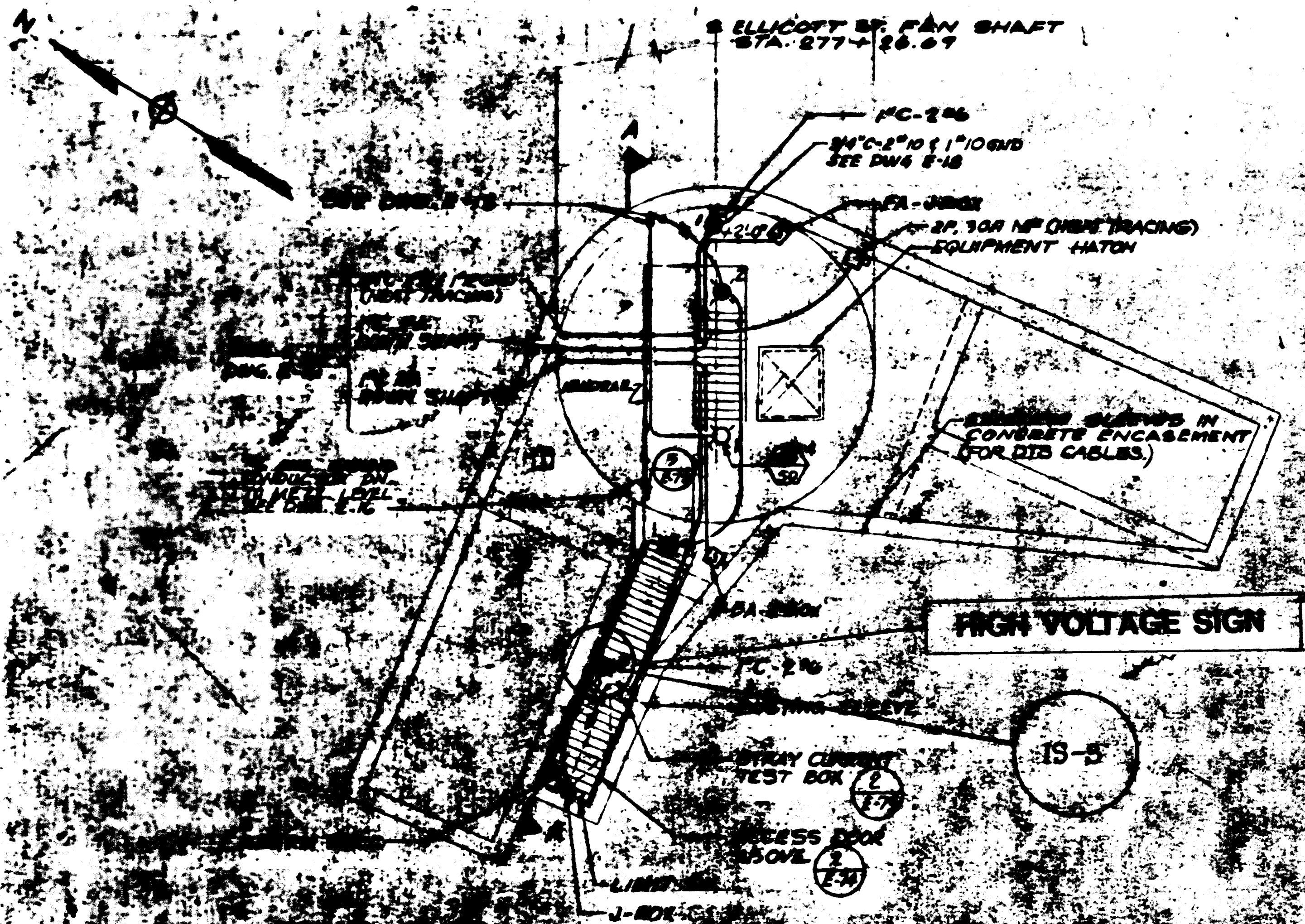
PARSONS ASSOCIATES  
 THE RALPH M. PARSONS COMPANY  
 SECTION DESIGNER  
 SUBMITTED BY: *Ralph M. Parsons*

DE LEEUW, CATHAR & COMPANY  
 GENERAL ENGINEERING CONSULTANT

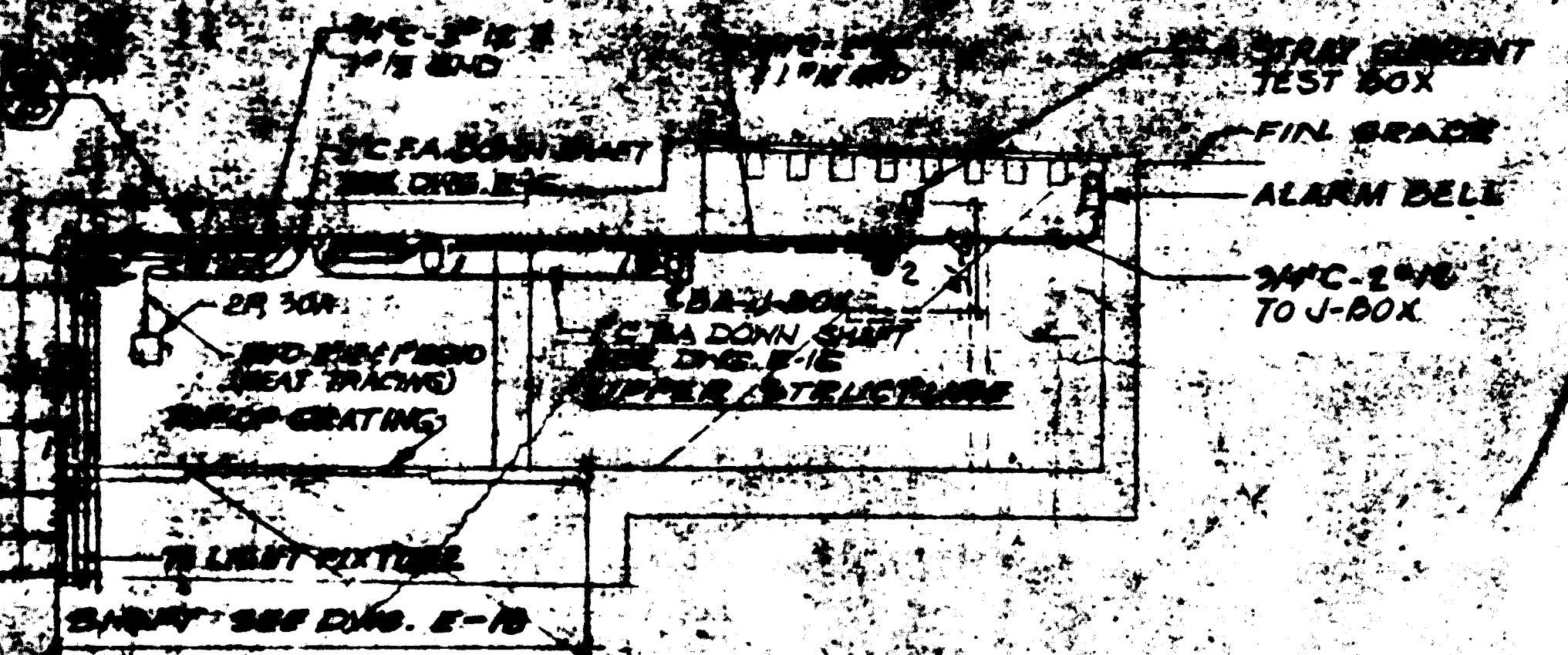
HENRY WEESE & ASSOCIATES  
 GENERAL ARCHITECTURAL CONSULTANT  
 APPROVED: *Kolm*

**ROCKVILLE ROUTE**  
 ELLICOTT STREET FAN SHAFT  
 LIGHTING PLANS AND SECTION

SCALE: 1" = 1'-0" 10 2 4 6 8 10  
 DRAWING NO. FA9-E-18 M523-17

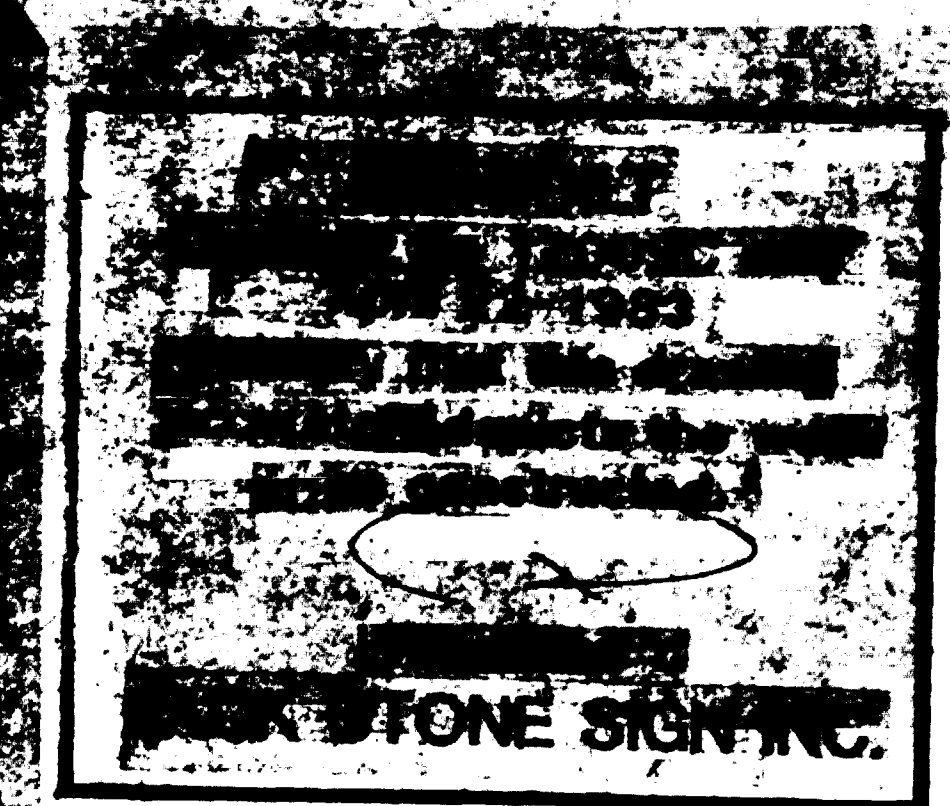


**LIGHTING PLAN UPPER STRUCTURE**



**SECTION A-A**  
E-16, 18

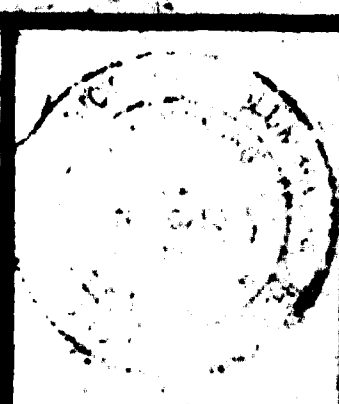
**NOTE:**  
SEE DWG. E-1 FOR SYMBOLS AND ABBREVIATIONS AND GENERAL NOTES.



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

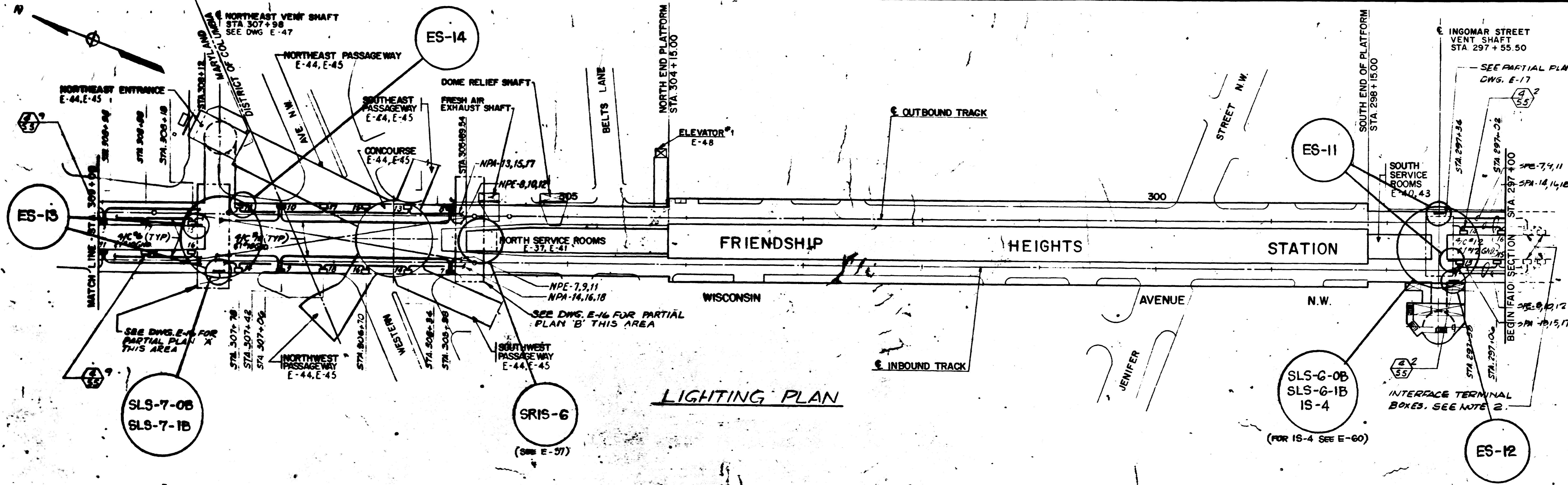
DESIGNED BY **W. PERKINSON** 6-8-78  
 DRAWN BY **G. MAR** 10-28-79  
 CHECKED BY **L. ABRAHAM** 10-29-79  
 APPROVED *[Signature]* 11/1/79

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
S-8	ELLCOTT ST FAN SHAFT PLANS, SECTIONS AND DETAILS	6-8-81	LA	1   GENERAL REVISION PER PGO'S
A-8	ELLCOTT ST FAN SHAFT - PLANS AND SECTIONS			
M-14	ELLCOTT ST FAN SHAFT, UPPER STRUCTURE - SECTION AND DETAILS			
E-16	ELLCOTT ST FAN SHAFT PWR. PLANS & ONE LINE DIAG.			
E-18	ELLCOTT ST FAN SHAFT LIGHTING PLANS & SECTIONS			



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

**ROCKVILLE ROUTE**  
**ELLCOTT STREET FAN SHAFT UPPER STRUCTURE**  
**LIGHTING PLAN AND SECTION**  
 SCALE: 1" = 1'-0" 10 8 4 6 8 10  
 DRAWING NO. **FA9-E-17**  
**M523-18**



LIGHTING PLAN

NOTES:

1. SEE DWG. E-9 FOR GENERAL NOTES.
2. EXISTING INTERFACE TERMINAL BOXES EXTEND CIRCUITS AS SHOWN FOR NORMAL AND EMERGENCY LIGHT.

**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.**

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

E-48	ELEVATOR NO. 1 L.T.S. & PWR PLAN & SECTIONS
E-47	N.E. ENTRANCE & ELEV. NO. 1 - PWR PLANS
E-44, 46	CONCOURSE PASSAGEWAY LIGHTING & PWR PLANS
E-40, 41, 43	NORTH & SOUTH SERV. RMS PLAT. & MEZZ. L.T.G. PLAN
E-37	NORTH SERV. RMS. PLAT LEVEL - LIGHTING PLAN
E-16, 17	TUNNEL POWER PLANS

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
S-7	INGOMAR ST VENT SHAFT PLANS AND SECTIONS			
A-9	CONCOURSE AND PASSAGEWAY PLAN			
A-22	INGOMAR ST VENT SHAFT PLANS AND SECTIONS			
M-12	MECHANICAL PLAN AND PROFILE			
M-37 B38	INGOMAR ST VENT SHAFT PLANS AND SECTIONS			
E-61	INGOMAR ST VENT SHAFT LIGHTING & POWER PLAN			

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

PARSONS ASSOCIATES  
 &  
 THE RALPH M. PARSONS COMPANY  
 SECTION DESIGNER

DE LEUW, CATHER & COMPANY  
 GENERAL ENGINEERING CONSULTANT

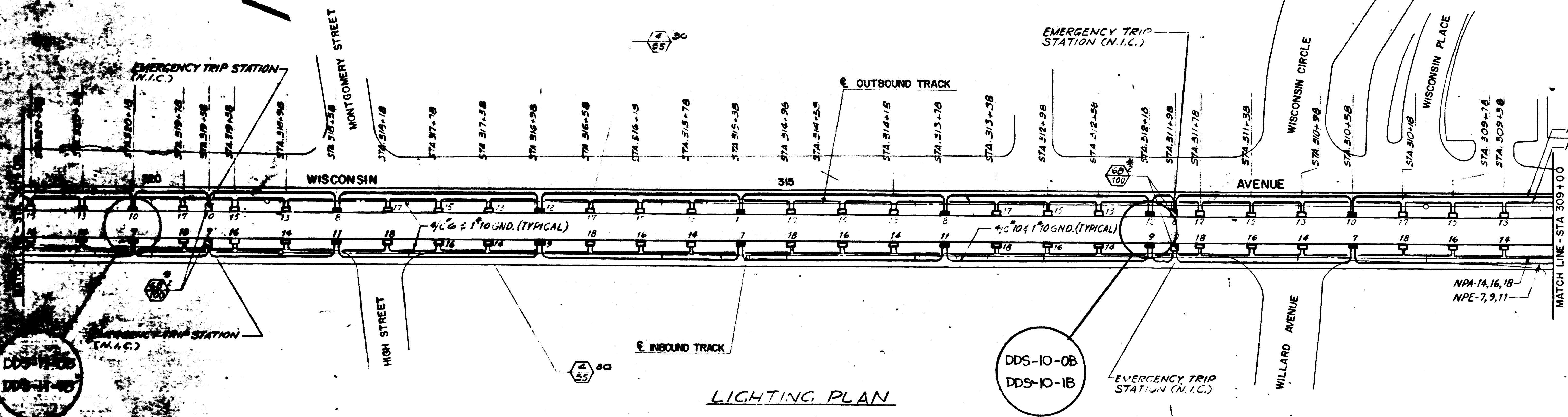
HARRY WEESE & ASSOCIATES  
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED BY: *Stephen L. Hunsaw*  
 APPROVED: *Robert Miller*

**ROCKVILLE ROUTE**  
 TUNNEL LIGHTING PLAN  
 STA. 297+00 TO STA. 309+00

SCALE: 1" = 40'

DRAWING NO. FAIO-E-9  
 M523-19



LIGHTING PLAN

**NOTE:**  
1. SEE DWG. E-5 FOR GENERAL NOTES.

**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.**

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

DESIGNED **H. FURBERSTEIN** 8-13-79  
DRAWN **F. SHAR** 8-17-79  
CHECKED **L. ARBMAN** 8-12-79  
APPROVED **[Signature]** 8-12-79

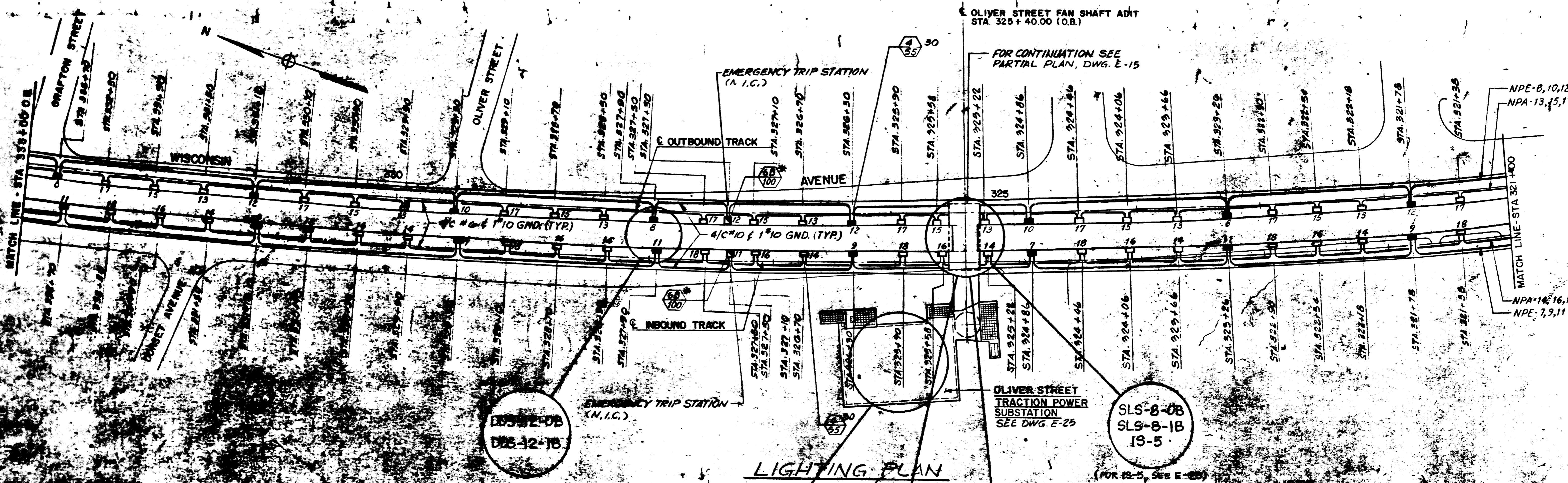
REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
E-16	TUNNEL POWER PLANS			

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

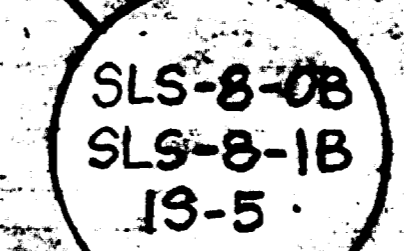
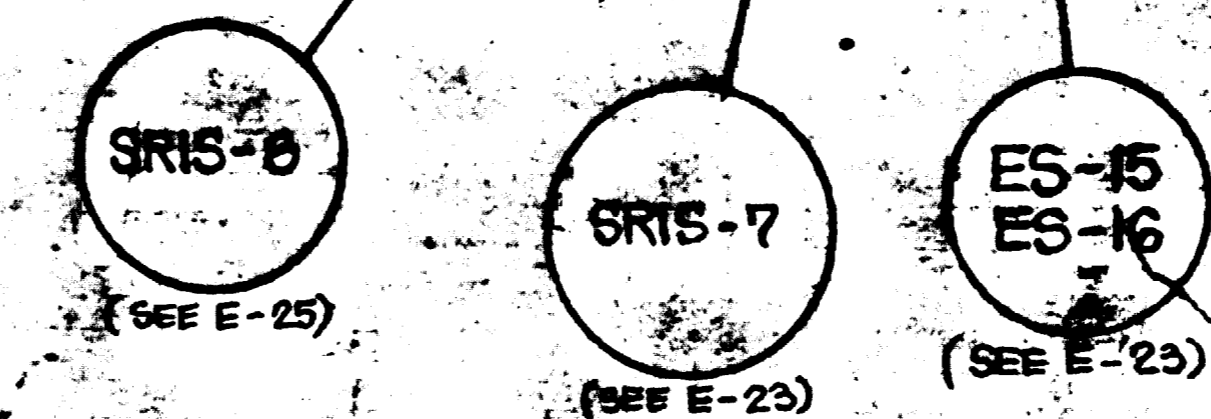
PARSONS ASSOCIATES THE RALPH M. PARSONS COMPANY SECTION DESIGNER SUBMITTED BY <i>[Signature]</i>	DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT HARRY WEESE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT APPROVED <i>[Signature]</i>
---	--

**ROCKVILLE ROUTE**  
TUNNEL LIGHTING PLAN  
STA. 309+00 TO STA. 321+00

SCALE 1" = 40'  
DRAWING NO. **FA10-E-8** M523-20



**LIGHTING PLAN**



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

**PROJECT**  
 CONTRACT NO. 12009C  
 DATE 2-2-1983  
**JACK STONE SIGN INC.**

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

DESIGNED	DATE	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
M. F. RUBINSTEIN	8-8-78	E-25	OLIVER ST. TRACTION PWR SUBSTA. LIGHTING AND PWR. PLAN AND SECTIONS			
F. MAR	8-21-78	S-5	OLIVER STREET FAN SHAFT PLANS			
L. ABRAHAM	10-14-79	A-5	OLIVER STREET FAN SHAFT PLANS & SECTIONS			
		A-6	OLIVER STREET TRACTION POWER SUBSTATION PLANS AND STATIONS			
		M-18	OLIVER STREET FAN SHAFT PLANS & SECTIONS			
		E-7	TUNNEL LIGHTING PLAN			

DESIGNED	DATE	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
M. F. RUBINSTEIN	8-8-78	E-25	OLIVER ST. TRACTION PWR SUBSTA. LIGHTING AND PWR. PLAN AND SECTIONS			
F. MAR	8-21-78	S-5	OLIVER STREET FAN SHAFT PLANS			
L. ABRAHAM	10-14-79	A-5	OLIVER STREET FAN SHAFT PLANS & SECTIONS			
		A-6	OLIVER STREET TRACTION POWER SUBSTATION PLANS AND STATIONS			
		M-18	OLIVER STREET FAN SHAFT PLANS & SECTIONS			
		E-7	TUNNEL LIGHTING 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

**ROCKVILLE ROUTE**  
 TUNNEL LIGHTING PLAN  
 STA. 321+00 TO STA. 333+00  
 SCALE: 1" = 40'  
 DRAWING NO. FAIO-E-7  
 M523-21