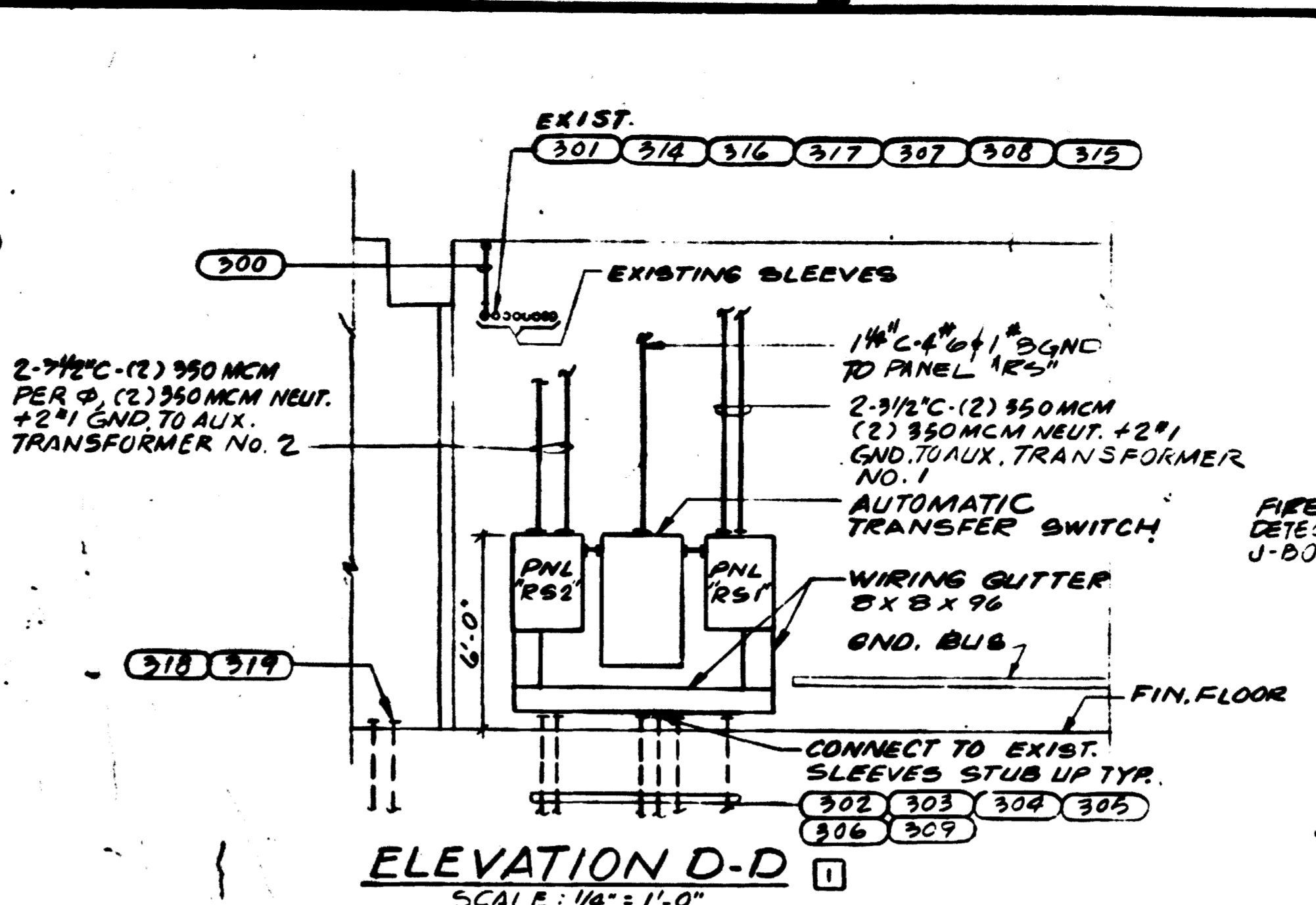
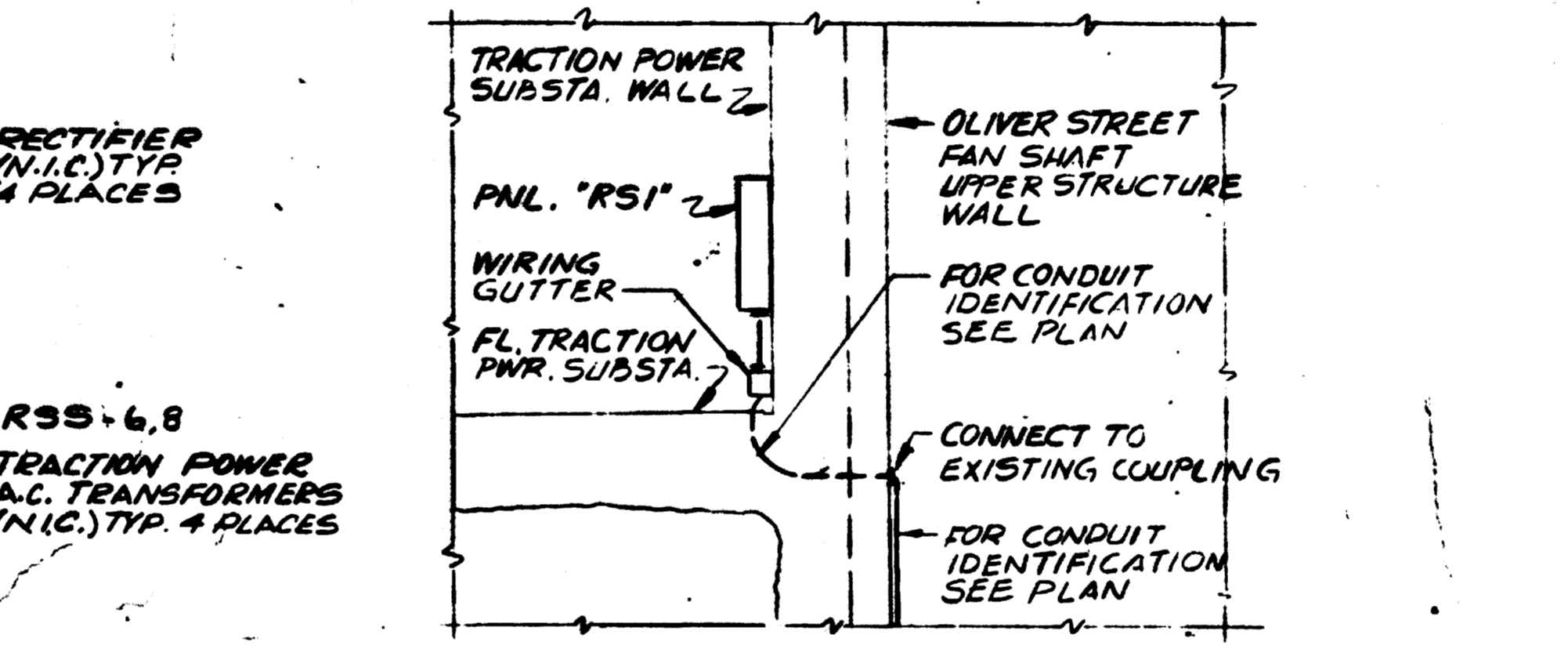


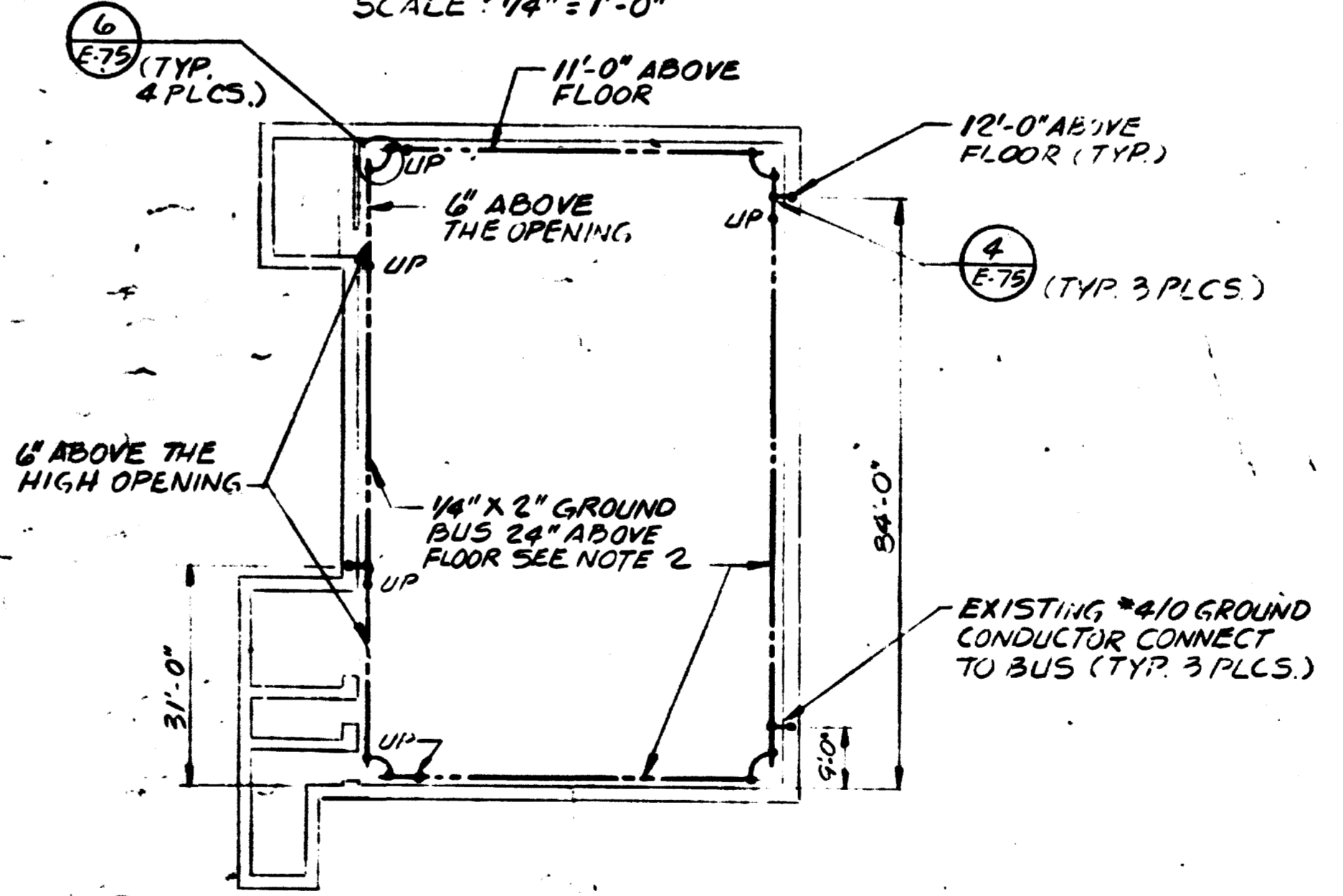
LIGHTING & POWER PLAN
SCALE: 1/8" = 1'-0" E-22, 24, 7



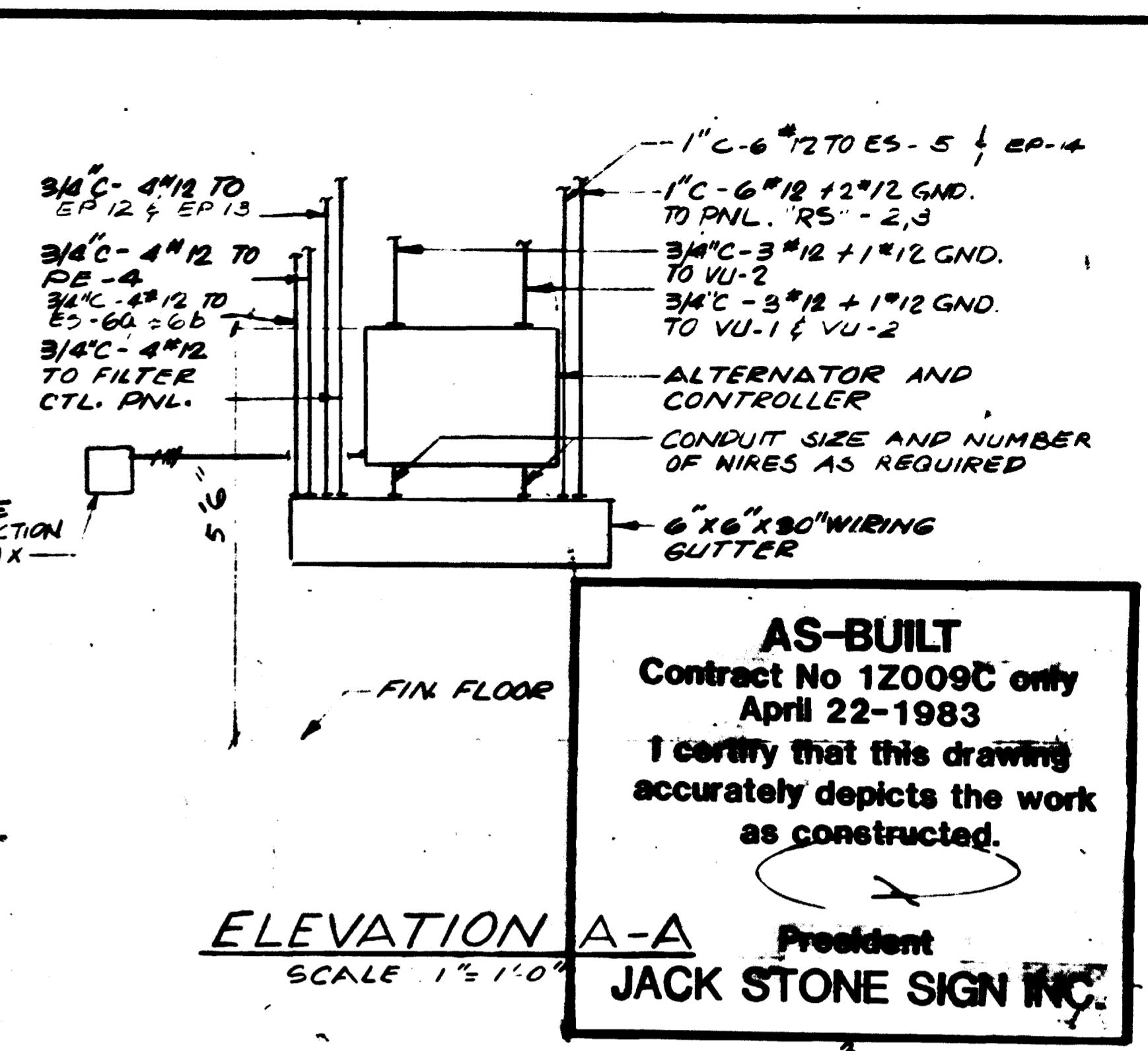
ELEVATION D-D
SCALE: 1/4" = 1'-0"



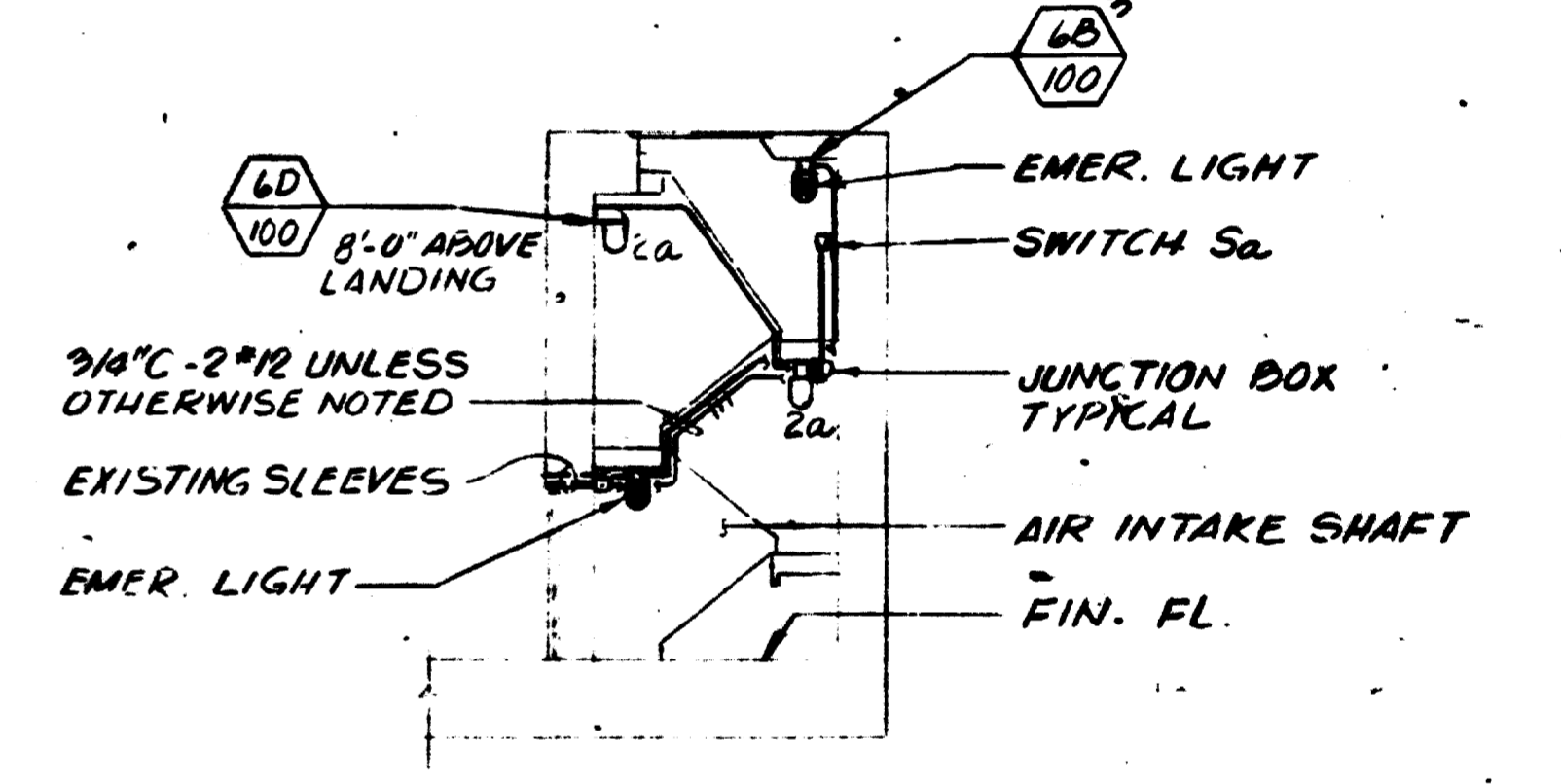
SECTION C-C
SCALE: 1/4" = 1'-0"



OLIVER STREET TRACTION POWER SUBSTATION GROUNDING PLAN
SCALE: N.T.S.



ELEVATION A-A
SCALE: 1" = 1'-0"



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

- NOTES:**
- SEE DWG. E-1 FOR SYMBOLS, ABBREVIATIONS & GENERAL NOTES.
 - SEE DWG. E-75, DETAIL 4 FOR GND. BUS BAR SUPPORT.
 - SEE DWGS. E-66 THRU E-72 & E-89 FOR CONDUIT & CABLE SCHEDULES.
 - SEE DWG. E-24 FOR ONE LINE DIAGRAM.
 - SEE DWGS. E-32, E-35 & E-86 FOR PANEL SCHEDULES.

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

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.

E-75, 76 MISCELLANEOUS DETAILS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A C	OLIVER STREET TRACTION POWER SUBSTATION PLANS AND SECTIONS	9-12-80	AM #1
V 17	OLIVER STREET TRACTION POWER SUBSTATION BRADLEY LANE TIEBREAKER STA PLAN & SECTIONS	5-18-81	1 GENERAL REVISION AND ADDED CONDUITS PER PCO #1
I-22	OLIVER ST FAN SHAFT PWR PLANS, SECTION & ONE-LINE DIAG.		
E-24	OLIVER ST T.P.S. - A.C. AUXIL. PWR ONE-LINE DIAG.		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES
THE RALPH M. PARSONS COMPANY
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

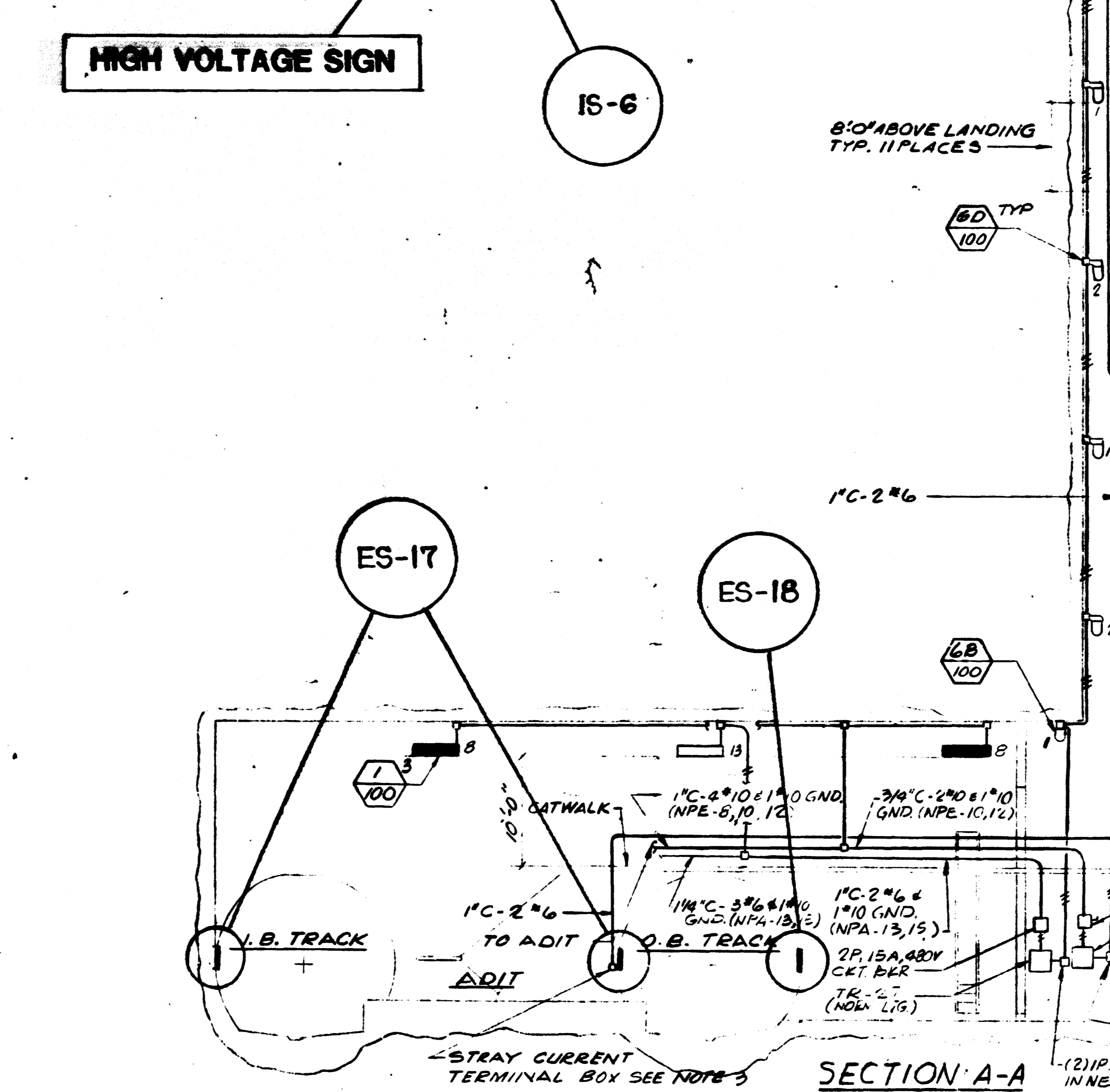
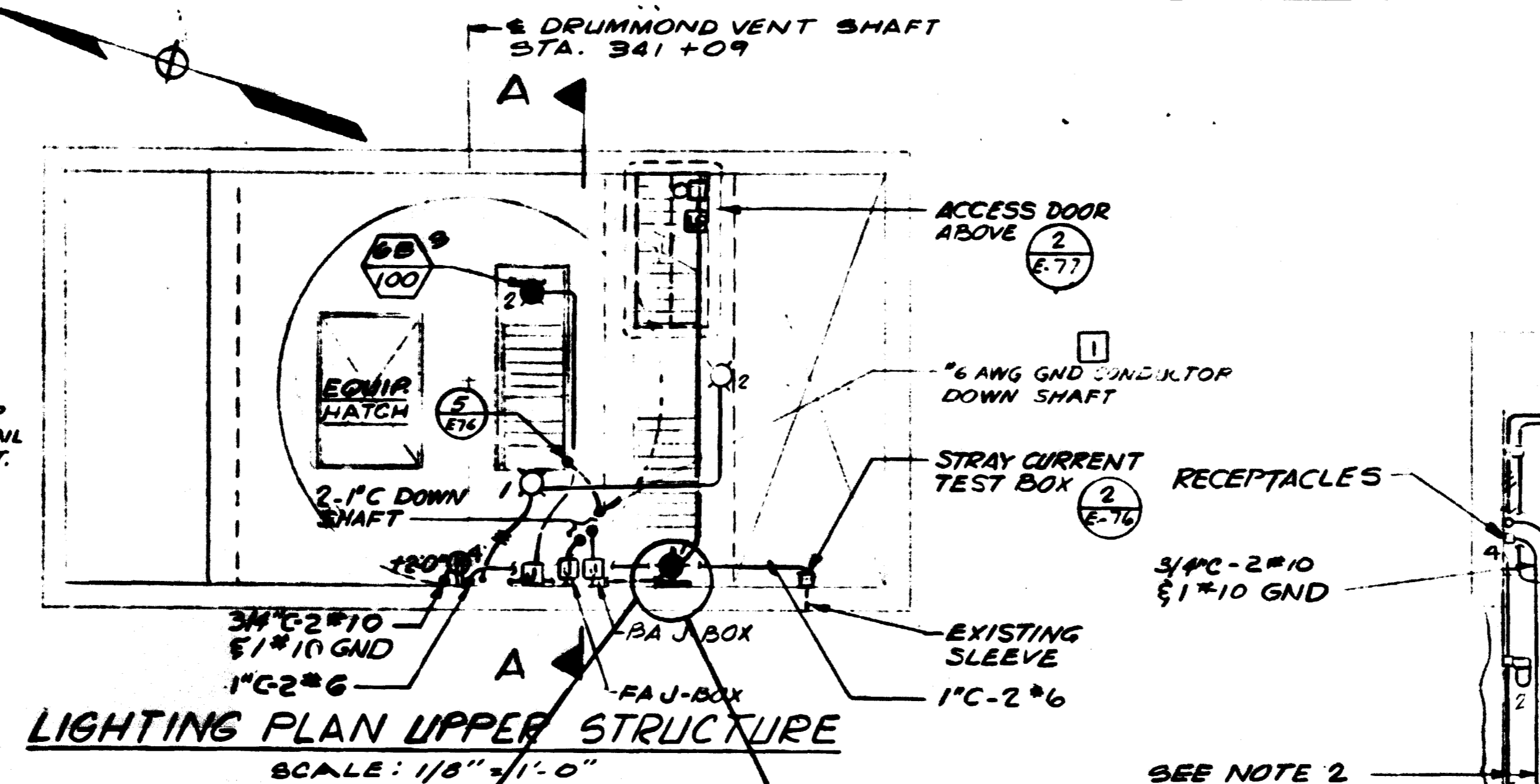
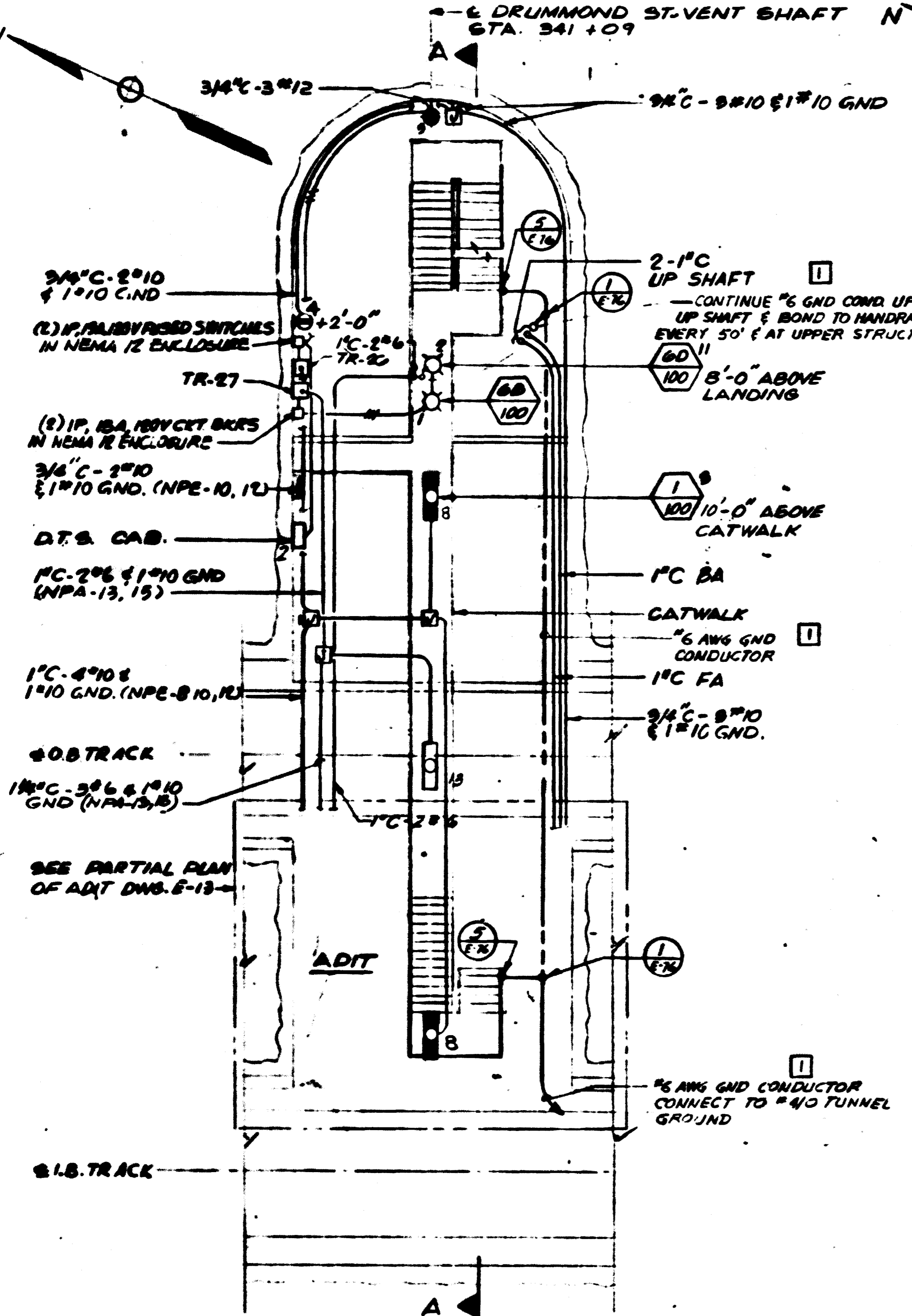
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

APPROVED: *[Signature]*

ROCKVILLE ROUTE
OLIVER STREET TRACTION POWER SUBSTATION LIGHTING AND POWER PLAN AND SECTIONS

SCALE: 1" = 1'-0" 10 2 4 6 8 10 AND AS NOTED

DRAWING NO. FAIO-E-25 M523-30



NOTES:

- SEE DWG. E-1 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- INSTALL CONDUITS ON WALL.
- 6"X6"X6" CAST BOX WITH BASKETED COVER AND 2-POINT TERMINAL BLOCK. MOUNT BOX 3'-0" ABOVE SAFETY WALK AND INSTALL 2#6 INSULATED WIRES FROM TERMINAL BOX IN 1" GRS CONDUIT UP TO STRAY CURRENT TEST BOX. CLAMP CONDUIT TO CONCRETE SURFACE EVERY 10'-0" MAX.

AS-BUILT
Contract No 12009C on 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		NUMBER		REFERENCE DRAWINGS		DATE		BY		REVISIONS		DESCRIPTION	
4-17-79	M. FEUERSTEM	5-3	A-3	DRUMMOND AVENUE VENT SHAFT PLANS & SECTIONS	5-18-81	1	GENERAL REVISION PER PCO #1						
4-28-79	F. MAR	A-4	M-14	DRUMMOND AVENUE VENT SHAFT PLANS & SECTIONS									
		E-13	E-78,77	DRUMMOND AVENUE VENT SHAFT PLANS & SECTIONS									
				TUNNEL POWER PLAN									
				MISCELLANEOUS DETAILS									

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: [Signature]

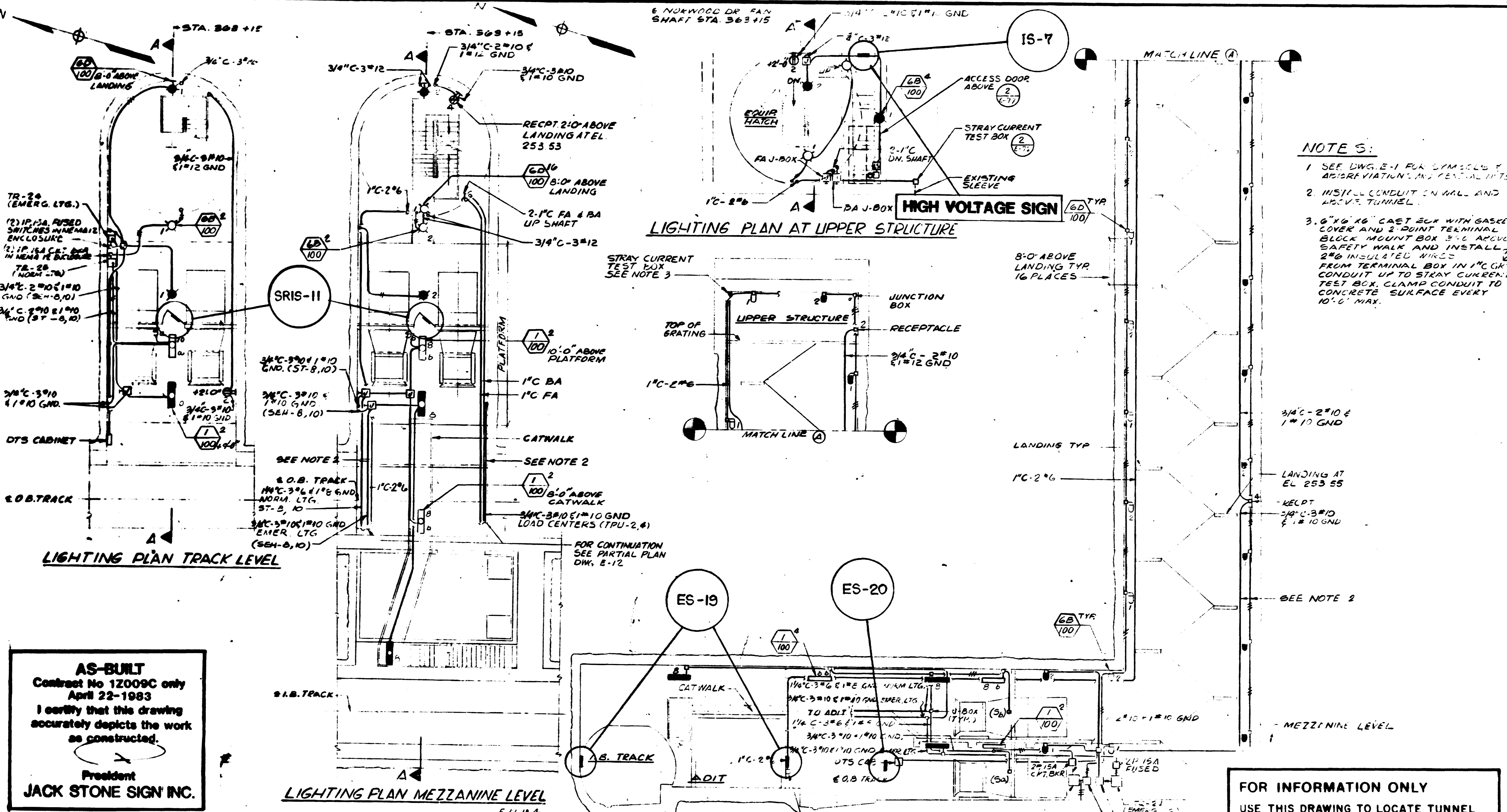
ROCKVILLE ROUTE
DRUMMOND AVE VENT SHAFT
LIGHTING PLANS AND SECTIONS

SCALE: 1/8" = 1'-0" (0 2 4 6 8 10 AND AS NOTED)

DRAWING NO: FAIO-E-20

31

E NORWOOD DR FAN SHAFT STA. 363+15



- NOTE 3:**
- SEE DWG. E-1 FOR SYMBOLS & ABBREVIATIONS AND GENERAL NOTES.
 - INSTALL CONDUIT IN WALL AND ABOVE TUNNEL.
 - 6" X 6" X 6" CAST BOX WITH GASKETED COVER AND 2 POINT TERMINAL BLOCK MOUNT BOX 3" C ABOVE SAFETY WALK AND INSTALL 2#6 INSULATED WIRES FROM TERMINAL BOX IN 1" CG'S CONDUIT UP TO STRAY CURRENT TEST BOX. CLAMP CONDUIT TO CONCRETE SURFACE EVERY 10'-0" MAX.

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-76,77	MISCELLANEOUS DETAILS
E-18	NORWOOD DR FAN SHAFT PWR PLANS & ONE-LINE DIAG.
REFERENCE DRAWINGS	
NUMBER	DESCRIPTION
S-4	NORWOOD DR FAN SHAFT & DRUMMOND AVENUE VEN" SHAFT SECTIONS AND DETAILS
A-3	NORWOOD DR FAN SHAFT & BRADLEY LANE TIEBREAKER STATION PLANS AND SECTIONS
M-13	NORWOOD DR FAN SHAFT PLANS AND SECTIONS
E-12	TUNNEL POWER PLANS

REVISIONS			
NUMBER	DATE	BY	DESCRIPTION
5-4	9-12-80	...	REVISED CONDUIT TYPE PER AM.#1

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

PARSONS ASSOCIATES
 THE RALPH M. PARSONS COMPANY
 SECTION DESIGNER

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

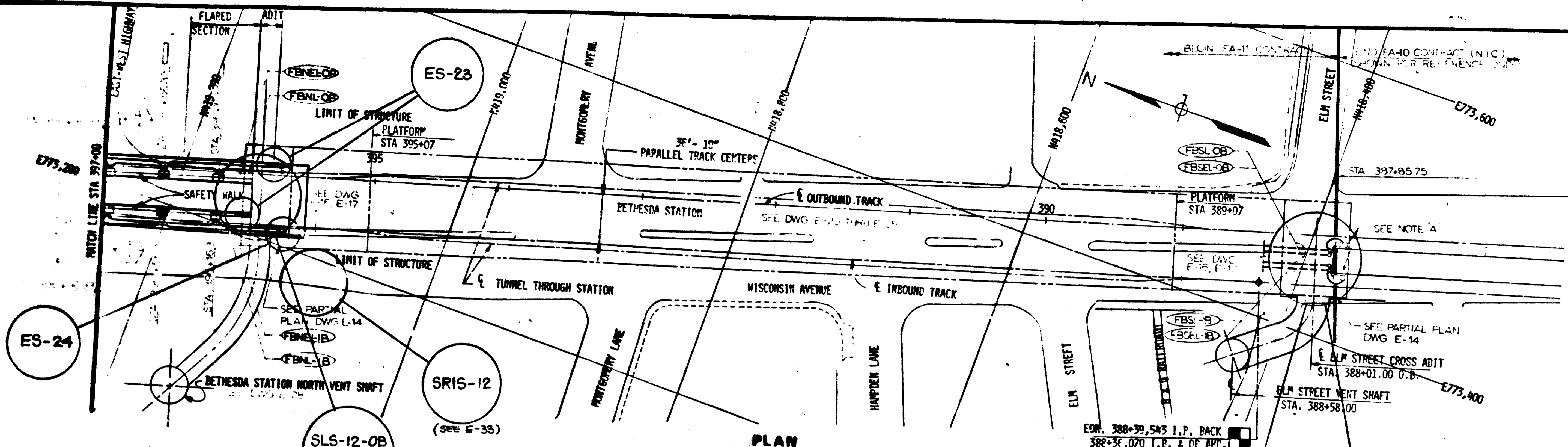
HARRY WESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

APPROVED: *[Signature]*

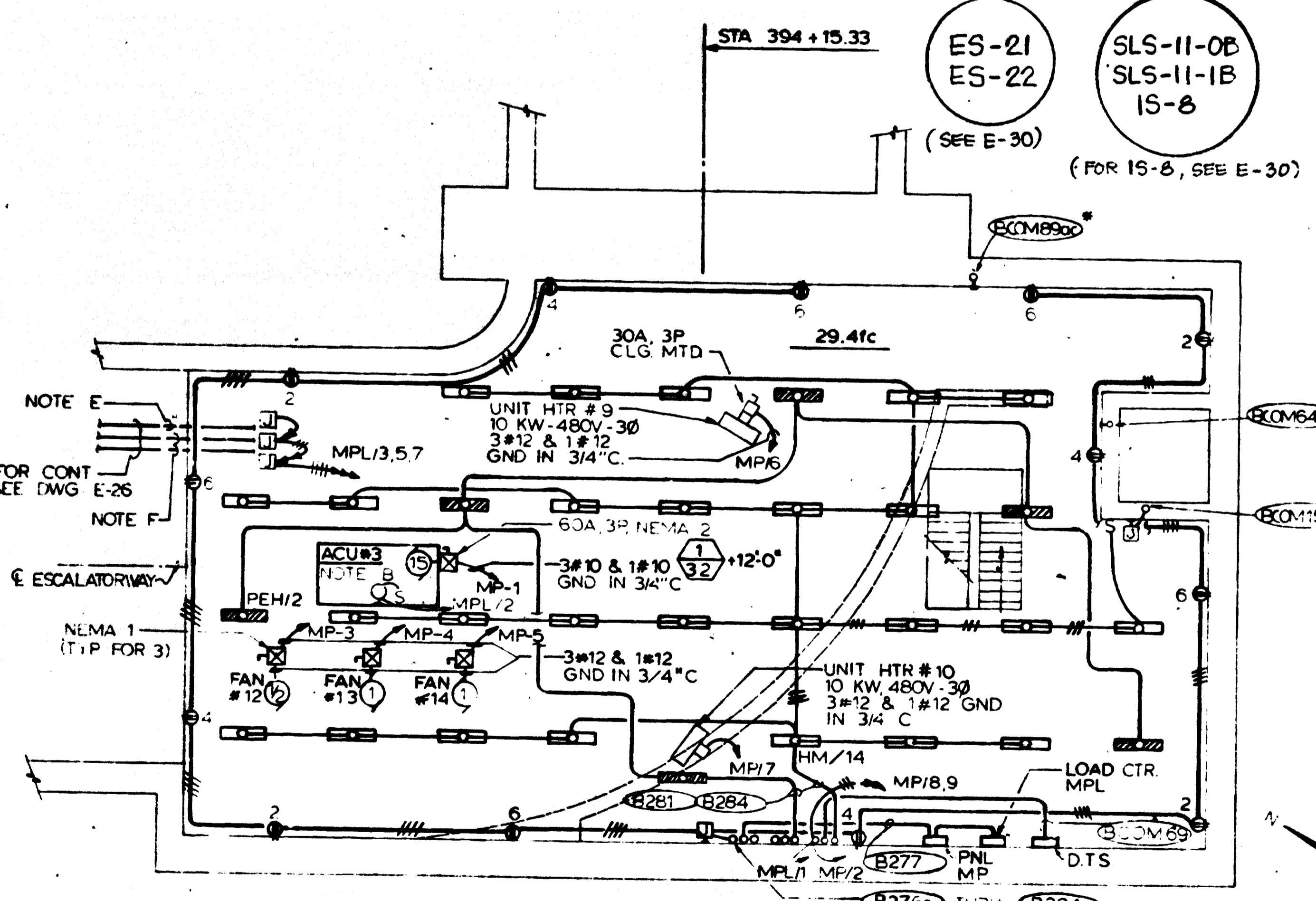
ROCKVILLE ROUTE
 NORWOOD DRIVE FAN SHAFT
 LIGHTING PLANS AND SECTIONS

SCALE: 1" = 1'-0" 10 2 4 6 8 10

DRAWING NO: FAIO-E-19



PLAN



BETHESDA STA. PASSAGEWAY - MECHANICAL RM. (EL.241.97)
 LIGHTING & POWER
 SCALE: 1/8" = 1'-0"

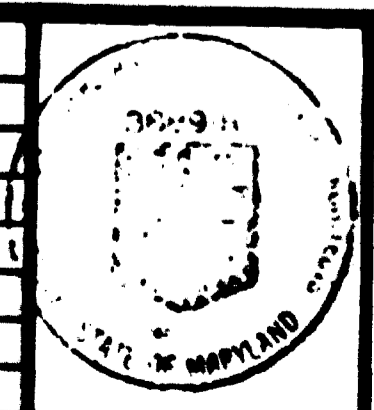
NOTES

- A. EXISTING INTERFERENCE FROM POWER LINES, LIGHTS & PIPES
- B. LOCATE LIGHT (TYPE 6D) & SWITCH WITH N ACU #3 AS DIRECTED BY MECH CONTRACTOR
- C. SEE NOTES A, B, C & D ON DWG. E-5.
- D. SEE NOTE B DWG. E-7
- E. 4" COLD WATER PIPE WITH ELEC HEAT TRACING 140 FT. AT 8.4 WATTS/FT. TOTAL LOAD 1176 WATTS. CIRCUIT MPL/7
- F. TWO 6" CHILLED WATER PIPES WITH ELEC HEAT TRACING EACH 140 FT. AT 11.3 WATTS/FT. TOTAL LOAD EACH PIPE 1582 WATTS. CIRCUITS MPL/3,5

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

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	NUMBER	REFERENCE DRAWINGS	REVISIONS
DRAWN	8-16-80	1	KEY PLAN AND PROFILE BETHESDA STATION	
CHECKED	8-16-80	2	KEY PLAN AND PROFILE STA 397+00 TO STA 387+00	
APPROVED	8-16-80			



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 GENERAL ENGINEERING CONSULTANT

HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED: _____ DATE: _____ APPROVED: _____

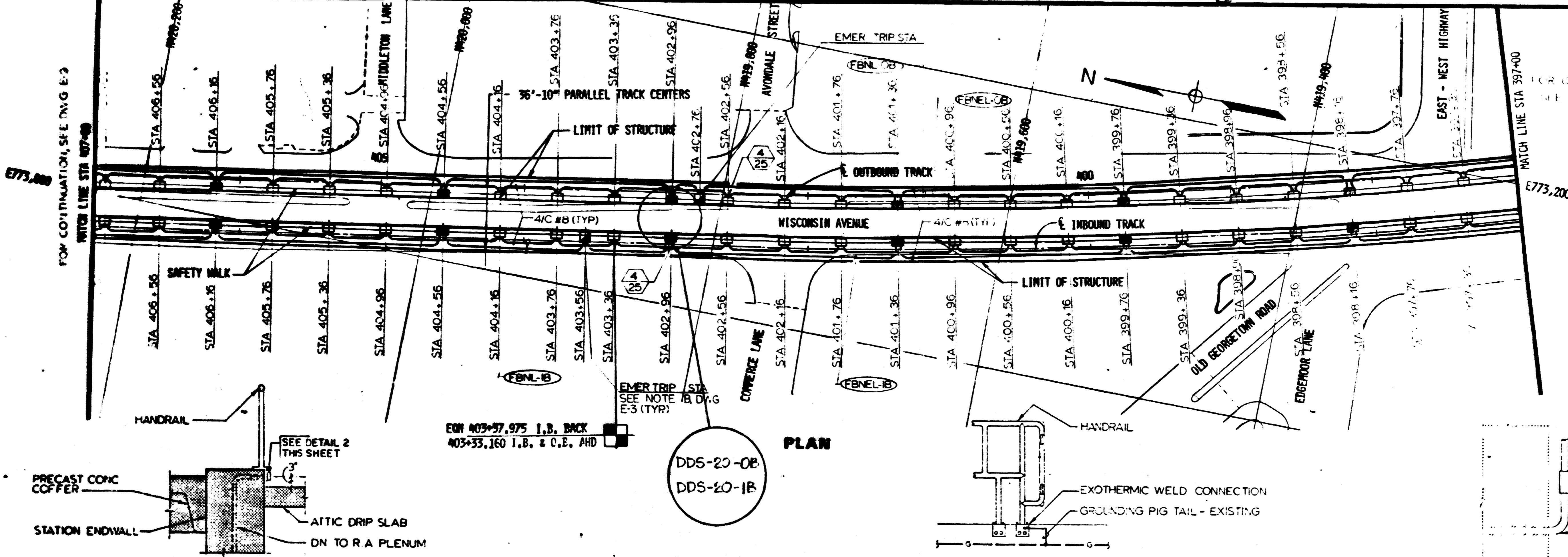
ROCKVILLE ROUTE
 ELECTRICAL KEY PLAN
 STA 397+00 TO STA 387+85.75 - LIGHTING

SCALE: HORIZ. 1" = 40' VERT. 1" = 40' AND AS NOTED

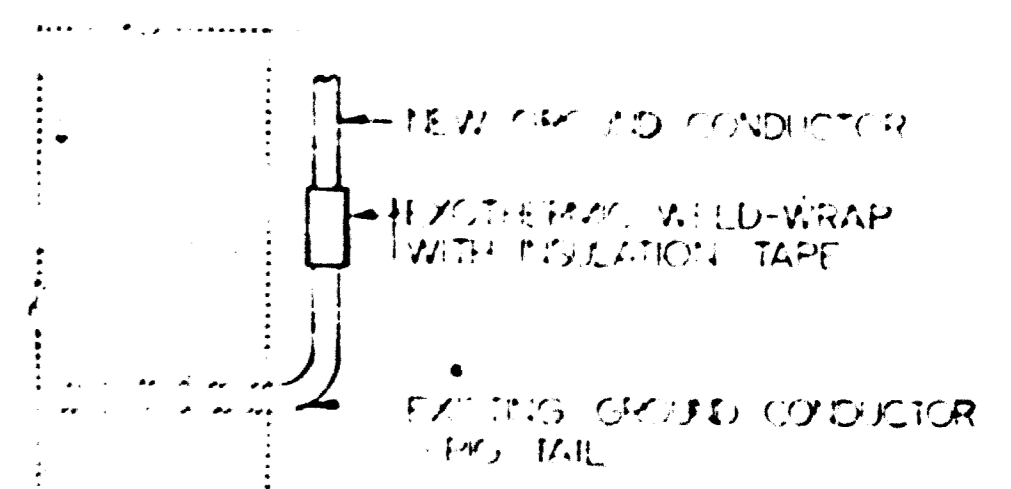
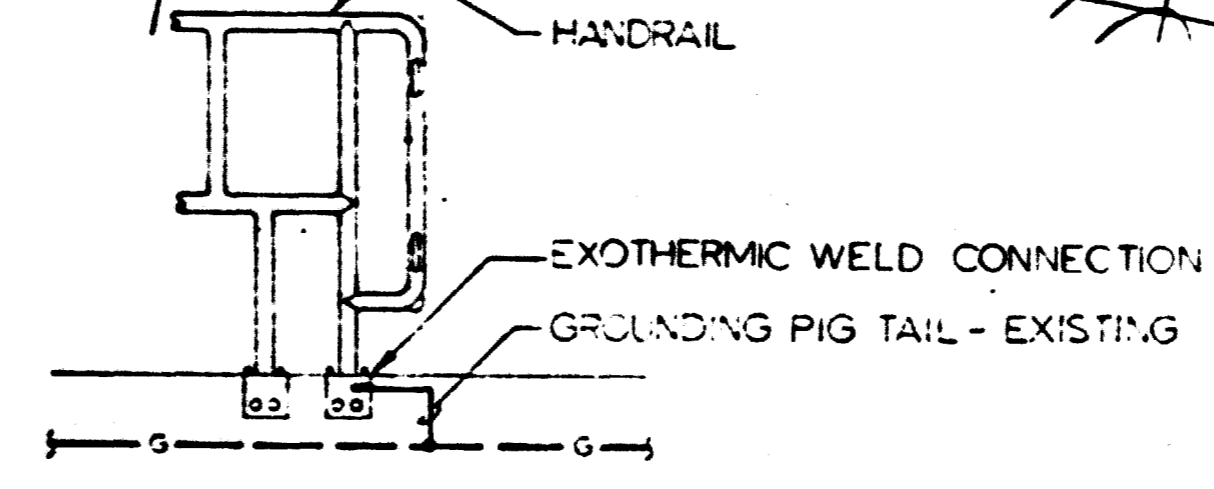
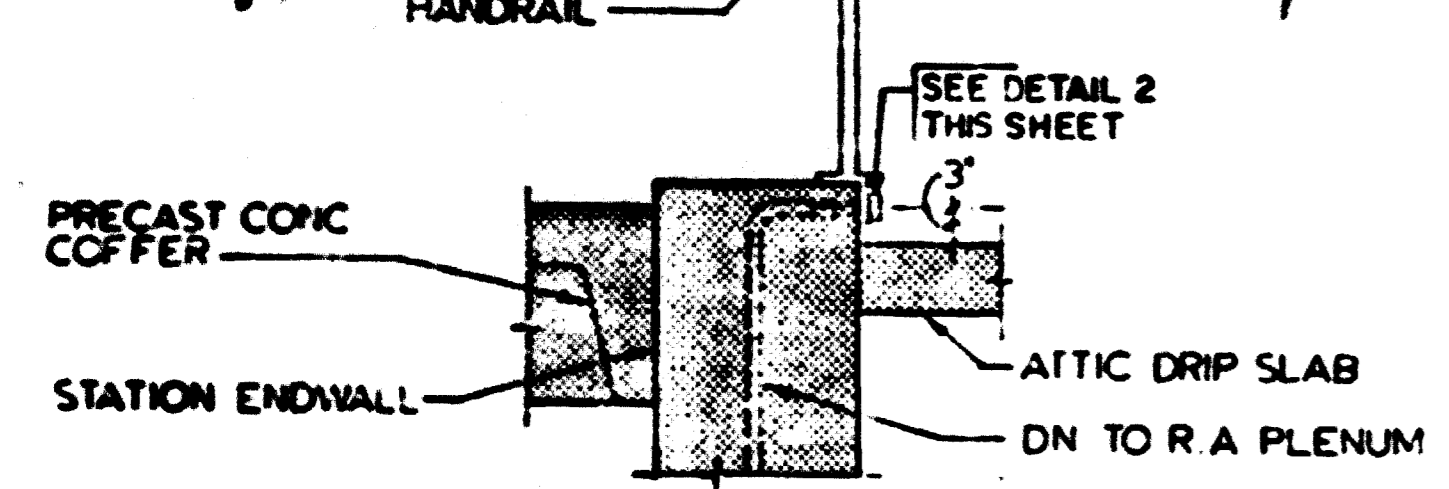
DRAWING NO. **FA11-E-13**
 M1523-33

FOR CONTINUATION, SEE DWG E-2
MATCH LINE STA 407+00

FOR CONTINUATION, SEE DWG E-11
MATCH LINE STA 397+00



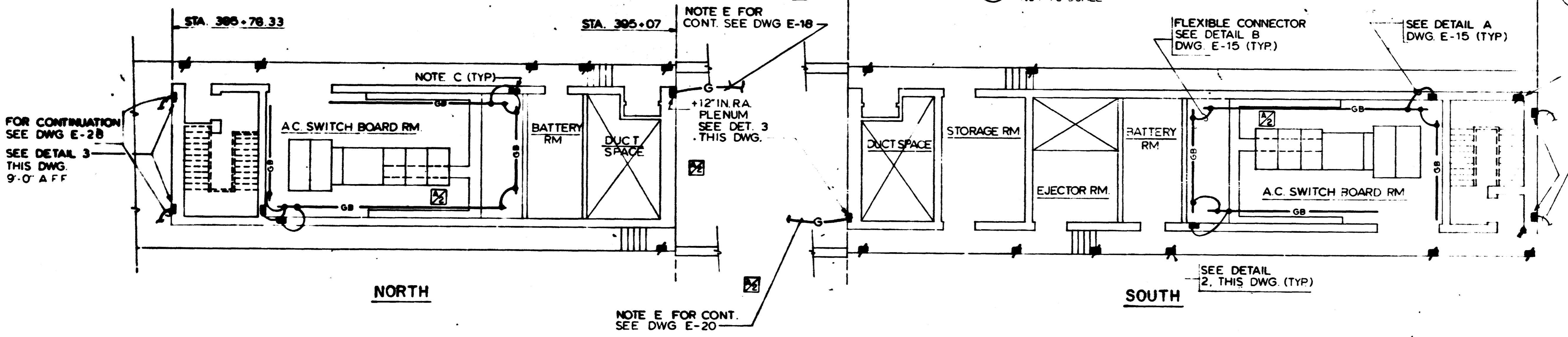
AS-BUILT
Contract No 12009C only
April 22-1983
I certify that this drawing
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President
JACK STONE SIGN INC.



1 DOME SPACE HANDRAIL GROUNDING DETAIL - SECTION AT ENDWALL
NOT TO SCALE

2 HAND RAIL GROUNDING CONNECTIONS (TYP.)
NOT TO SCALE

3 TYPICAL GROUND CONDUCTOR PIG TAIL CONNECTION
NOT TO SCALE



ANCILLARY SPACES GROUNDING ARRANGEMENT
SCALE: 1/8" = 1'-0" (FA-11-E-17) NOTE B

NOTES
A. SEE DETAILS A, B, C & D ON DWG E-15
B. ALL GROUNDING PIGTAILS SHOWN ARE EXISTING
C. GROUNDING PIGTAILS IN AC SWITCH ROOMS ARE MOUNTED 36" AFF

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

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	BY
7-24-80	7-24-80	M-7	KEY PLAN AND PROFILE STA 407+00 TO STA 397+00	9-25-80	MZ
7-24-80	7-24-80				
8-18-80	8-18-80				
8-18-80	8-18-80				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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ENGINEERS AND ARCHITECTS
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

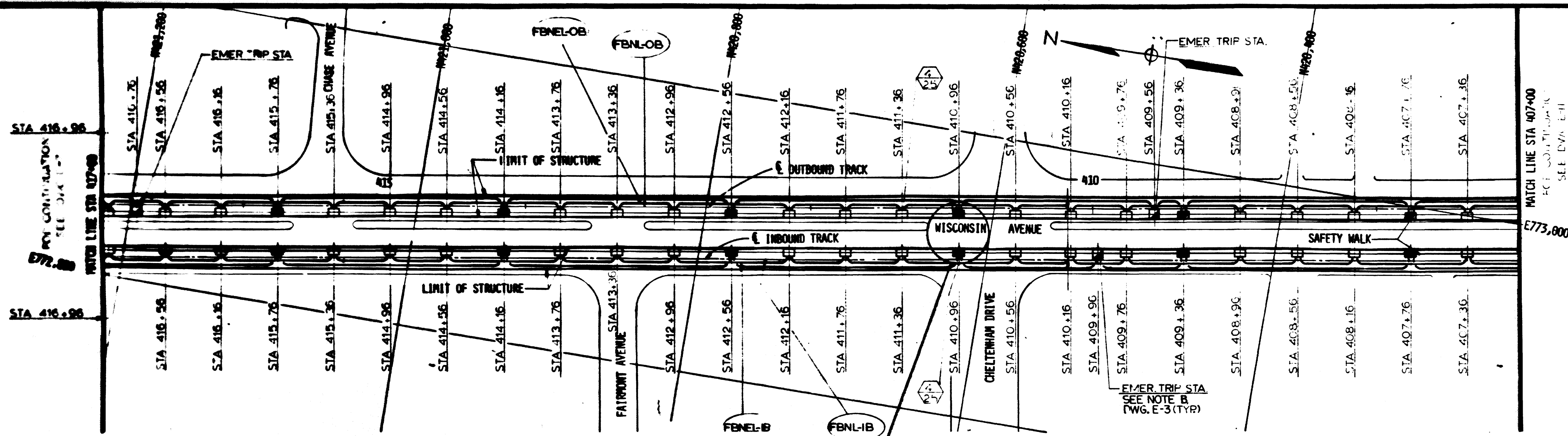
SUBMITTED: [Signature] DATE: 8-18-80 APPROVED: [Signature]

ROCKVILLE ROUTE
ELECTRICAL KEY PLAN
STA 407+00 TO STA 397+00 - LIGHTING

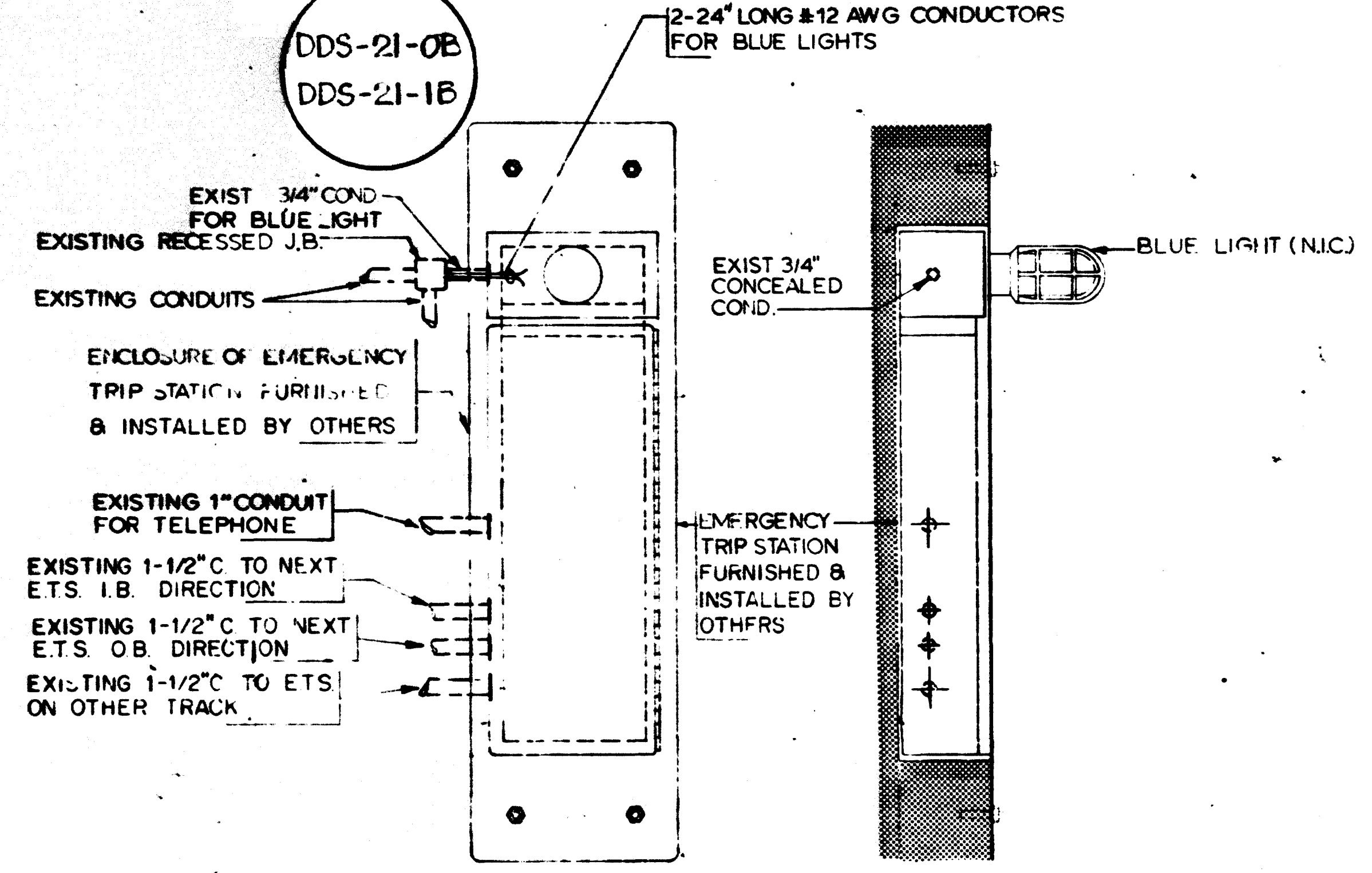
SCALE: HORIZ. 1" = 40'

DRAWING NO: FA11-E-11

MOSS-34



PLAN



FRONT VIEW SIDE VIEW

**INSTALLATION OF
EMERGENCY TRIP STATION - RECESSED**
SCALE NONE
NOTE A

NOTES

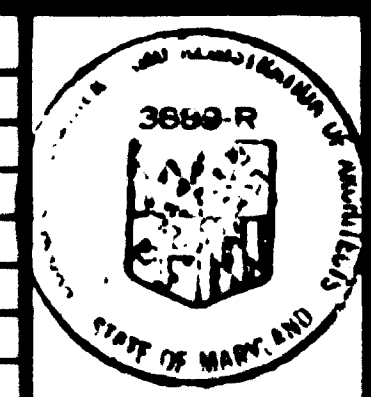
- A. EXISTING CONDUIT LOCATIONS INDICATED ARE TYPICAL ACTUAL LOCATIONS MAY VARY
- B. SEE NOTES A, B, C & D ON DWG. E-5
- C. SEE NOTE B, DWG E-7

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		DATE		NUMBER		DESCRIPTION		DATE		BY		DESCRIPTION	
P. J. CHU		7-24-83		1		KEY PLAN AND PROFILE STA 417+00 TO STA 407+00							
DRAWN		DATE		NUMBER		DESCRIPTION		DATE		BY		DESCRIPTION	
C. J. REID		7-24-83		1									
CHECKED		DATE		NUMBER		DESCRIPTION		DATE		BY		DESCRIPTION	
H. B. ZACHARSON		8-14-83		1									
APPROVED		DATE		NUMBER		DESCRIPTION		DATE		BY		DESCRIPTION	
H. B. ZACHARSON		8-14-83		1									



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SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

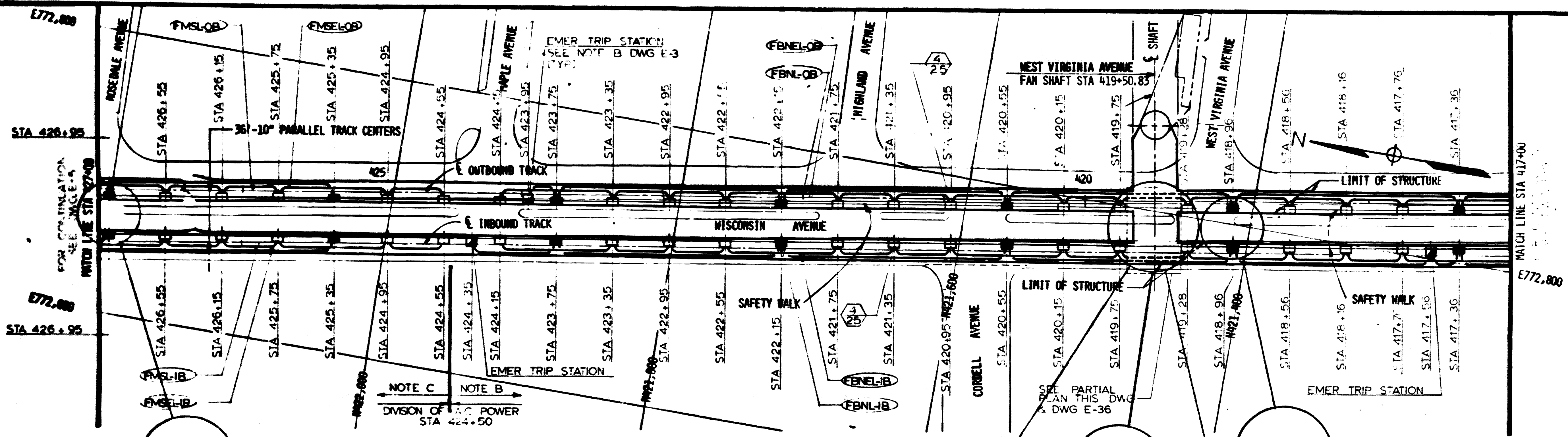
SUBMITTED *[Signature]* DATE 8-15-83 APPROVED *[Signature]*

ROCKVILLE ROUTE
ELECTRICAL KEY PLAN
STA 417+00 TO STA. 407+00 - LIGHTING

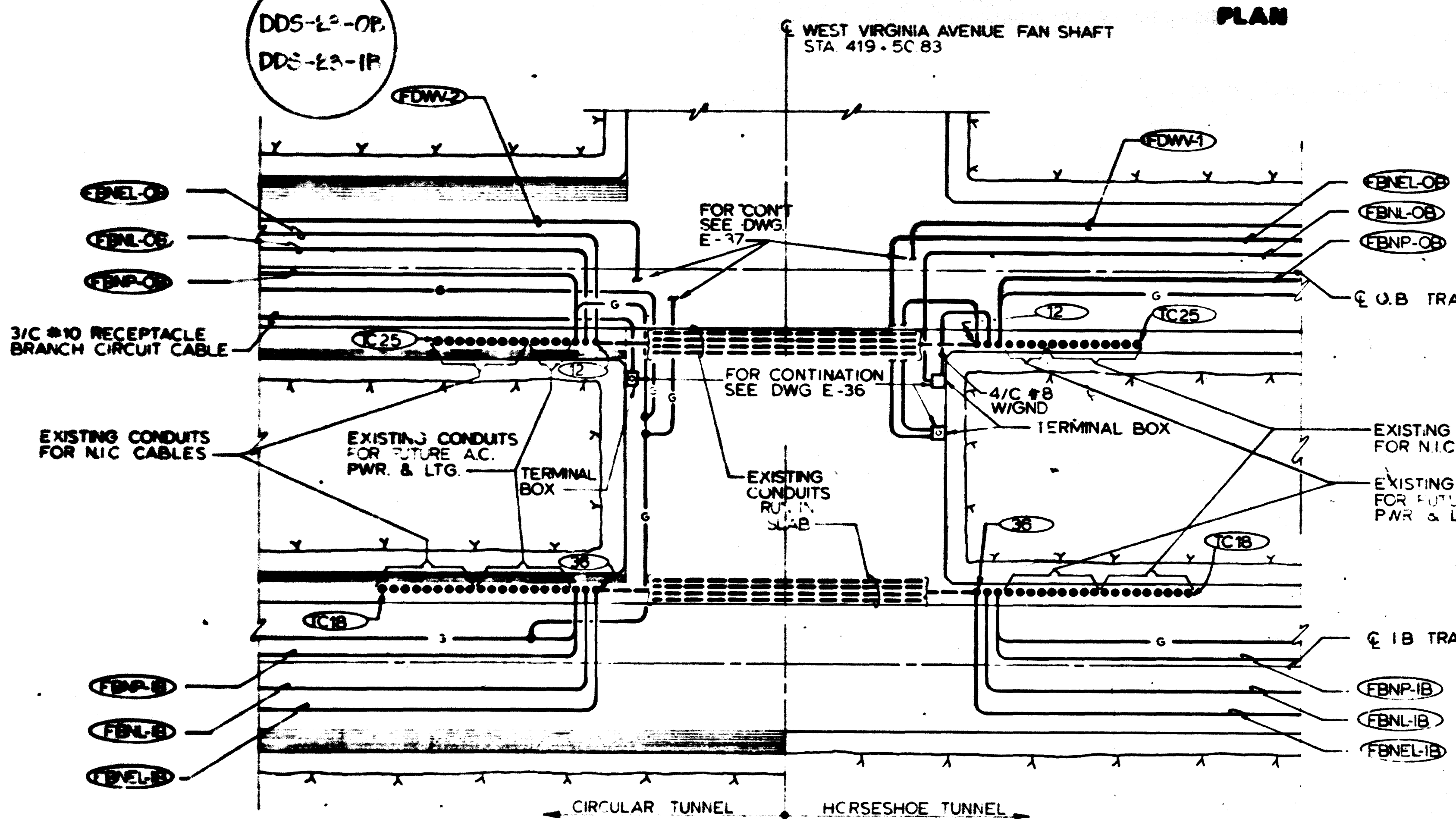
SCALE
HORIZ. 1"=40'
VERT. 1"=20'

DRAWING NO.
FALL-E-9

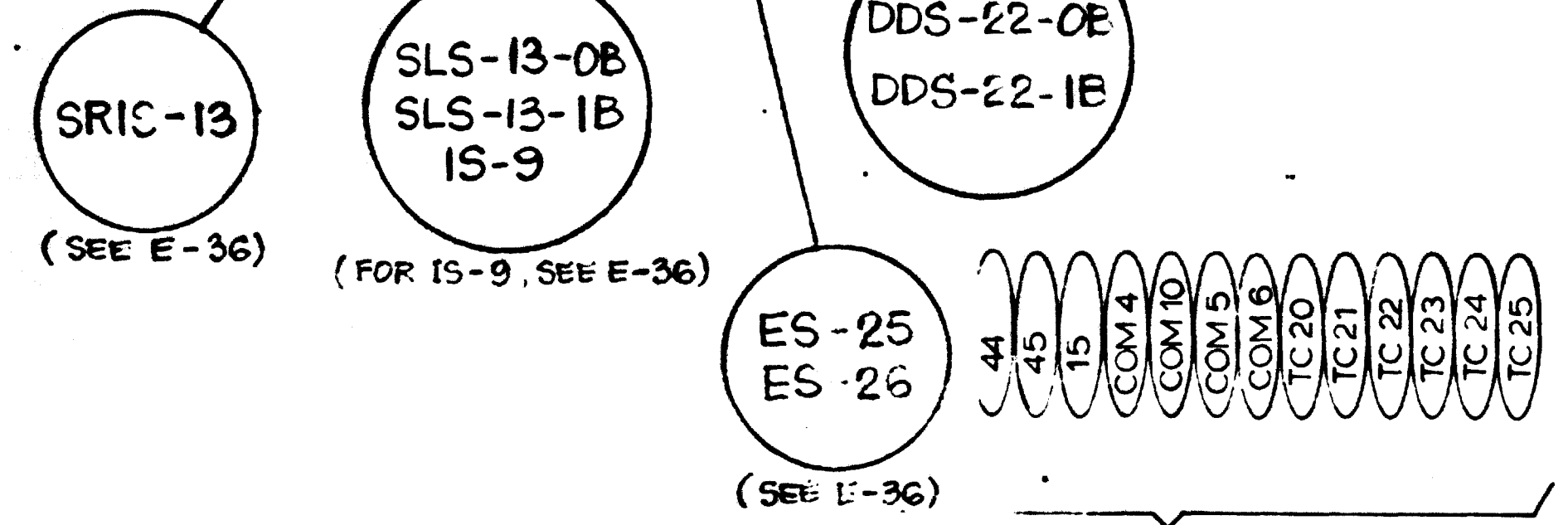
M025-35



PLAN



PARTIAL PLAN
SCALE: 1/8" = 1'-0" (E-7, 8, 36, 37)



- NOTES**
- A SEE NOTES A, B, C, & D ON DWG. E-5.
 - B TUNNEL GROUND CONDUCTORS IN BOTH IB & O.B TUNNELS SHALL RUN CONTINUOUSLY FROM THE DIVISION OF A.C. POWER (STA 424+50) TO TERMINAL BOXES AT NORTH VENT SHAFT ADIT (STA 395+84.33) SEE NORTH VENT SHAFT PARTIAL PLAN DWG E-14 AND PARTIAL PLAN THIS DWG.
 - C TUNNEL GROUND CONDUCTORS IN BOTH IB & O.B TUNNELS SHALL RUN CONTINUOUSLY FROM THE DIVISION OF A.C. POWER (STA 424+50) TO TERMINAL BOXES AT STA 440+24.02 (SEE DWG E-4 FOR LOCATION). THEY SHALL NOT BE CONNECTED TO THE TUNNEL GROUND CONDUCTORS DESCRIBED IN NOTE B ABOVE.

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	MLV	7-24-83
DRAWN	MLV	7-24-83
CHECKED	M.B. ZACKRISON	8-16-83
APPROVED	M.B. ZACKRISON	8-16-83

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	DESCRIPTION
1	KEY PLAN AND PROFILE WEST VA AVE FAN SHAFT		
M-5	KEY PLAN AND PROFILE STA 427+00 TO STA 417+00		



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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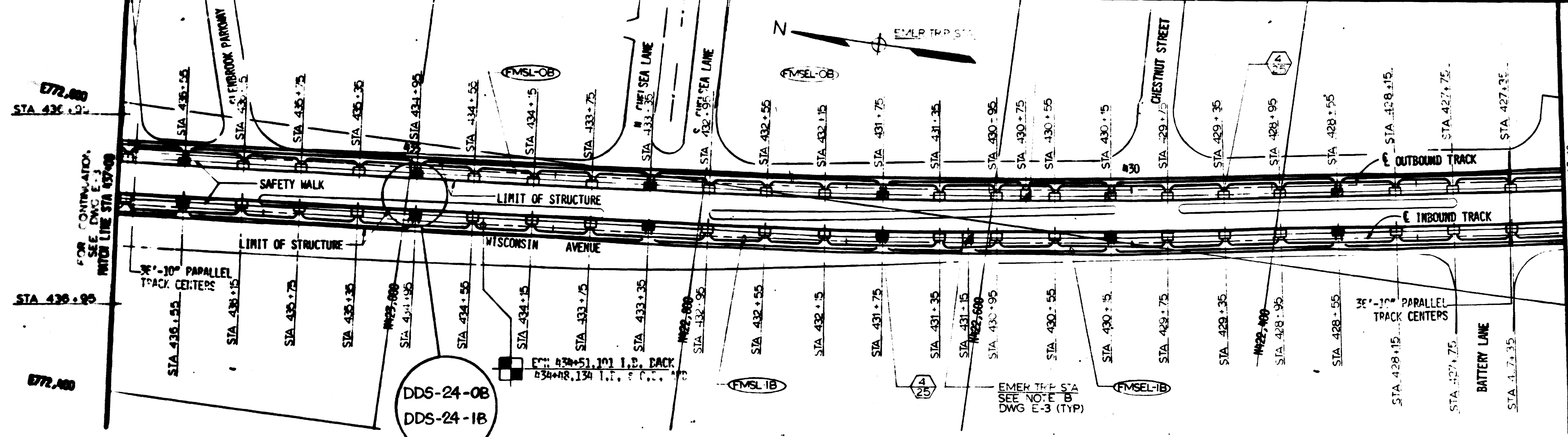
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED *Jacques R. Fress* DATE 8-15-80 APPROVED *Jack Stone*

ROCKVILLE ROUTE
ELECTRICAL KEY PLAN
STA. 427+00 TO STA. 417+00 - LIGHTING

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

DRAWING NO. **FALL-E-7** M-10-36



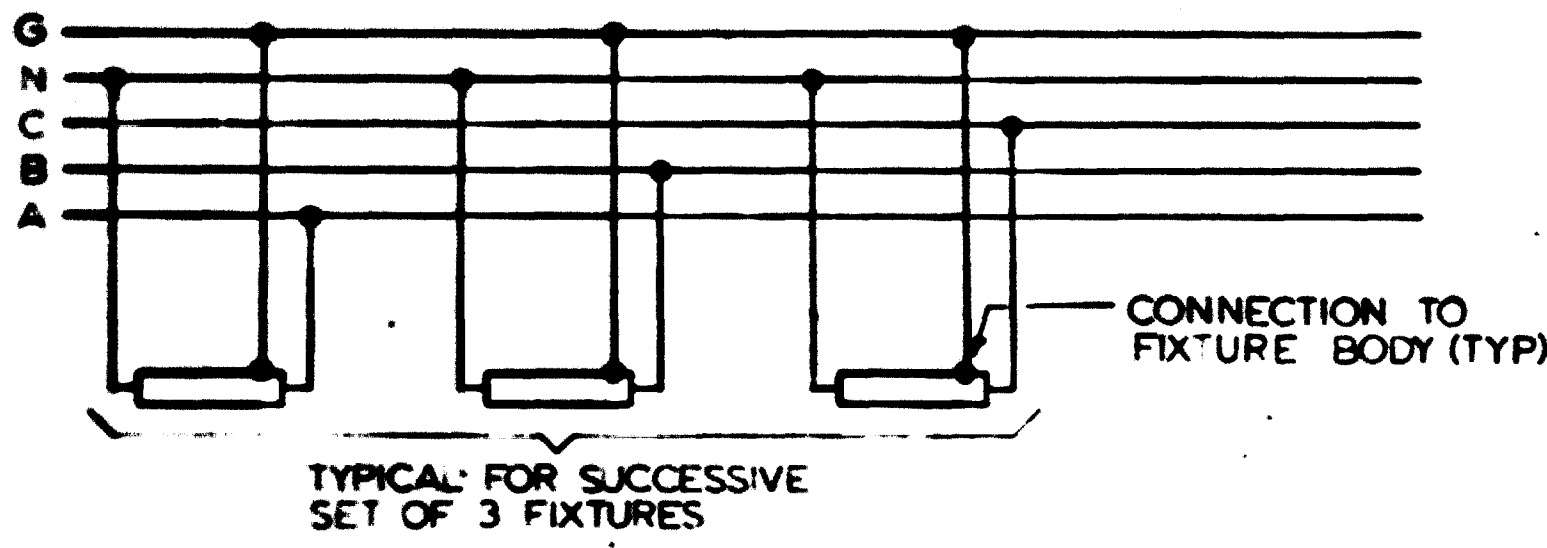
DDS-24-08
DDS-24-1B

PLAN

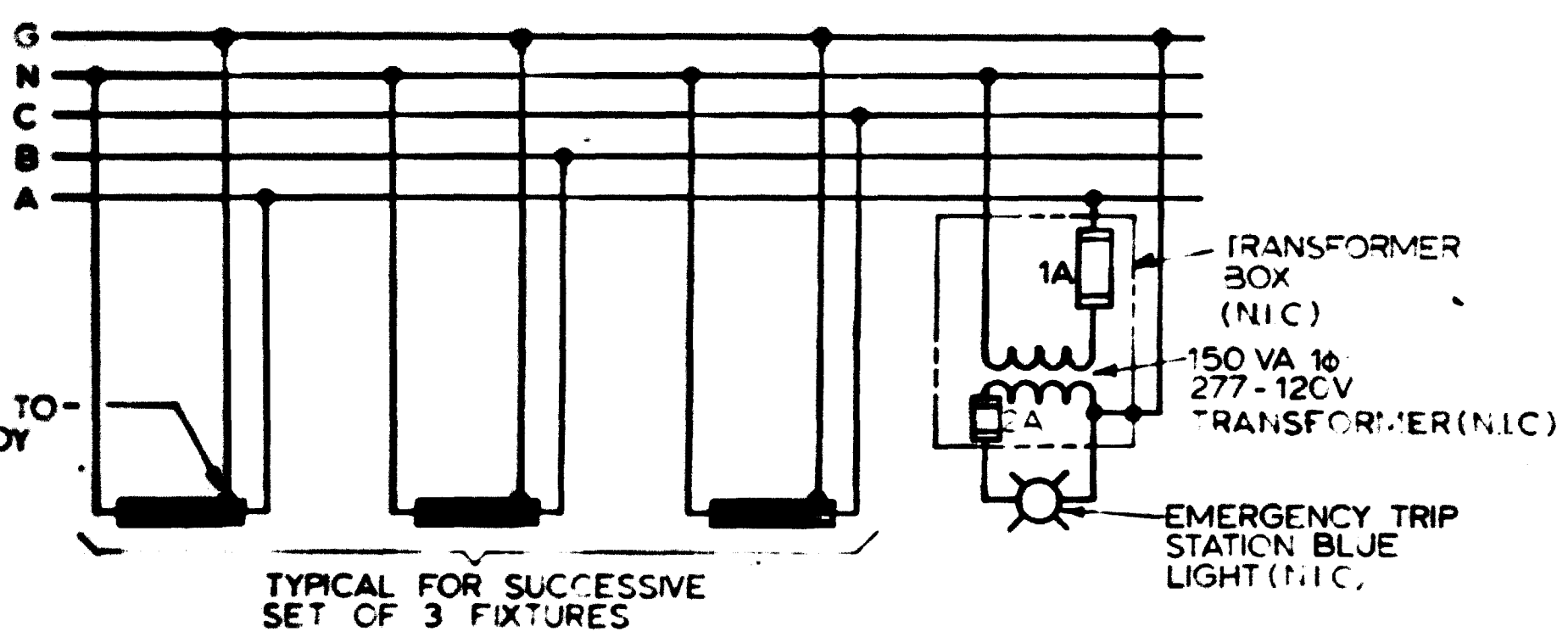
AS-BUILT
Contract No 1Z009C only
April 22-1983
I certify that this drawing
accurately depicts the work
as constructed.
President
JACK STONE SIGN INC.

NOTES

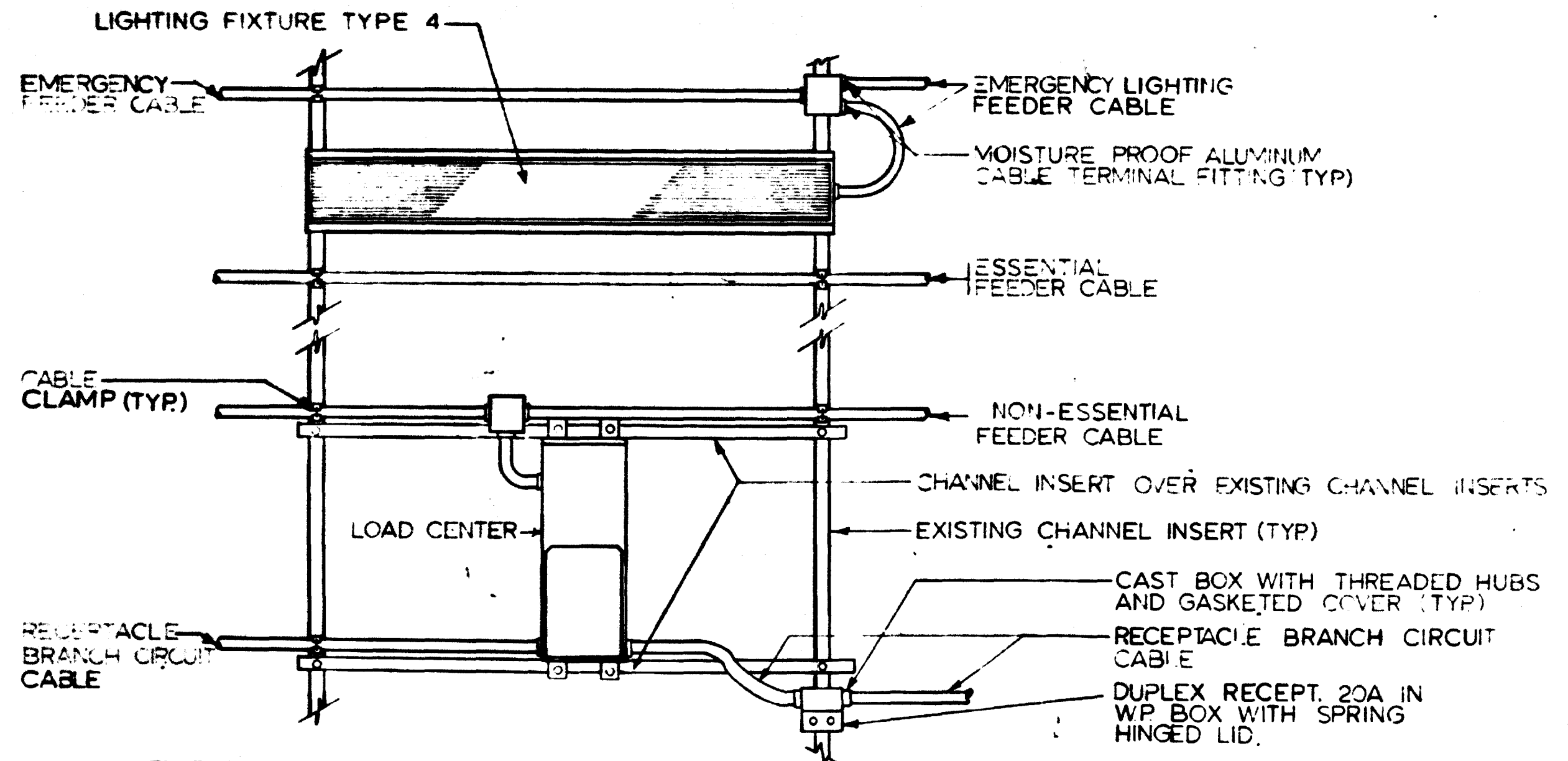
- A. LIGHTING FIXTURES, AND POWER EQUIPMENT AND ASSOCIATED WIRING SHALL BE INSTALLED WITHIN THE ALLOCATED SPACE ON EXISTING CHANNEL INSERTS.
- B. FOR CABLE OR CONDUIT INSTALLATION ON TUNNEL WALL SEE DETAILS ON DWG E-6.
- C. FOR TYPICAL LOAD CENTER INSTALLATION DETAILS SEE DWG E-5. FOR TYPICAL WIRING FOR LOAD CENTERS AND RECEPTABLES, SEE WIRING DIAGRAM ON DWG E-4.
- D. DETAILS 1 & 2 INDICATE ONLY CONNECTION OF LIGHTING FIXTURES ON ALTERNATE PHASES OF 3Ø, 4W TUNNEL FEEDERS SEE ALSO DETAILS 1 & 2 ON DWG E-3
- E. SEE NOTE C, DWG E-7



1 TYPICAL TRACK LIGHTING FOR NORMAL CIRCUIT
NOT TO SCALE SEE NOTE D



2 TYPICAL TRACK LIGHTING FOR EMERGENCY CIRCUIT
NOT TO SCALE SEE NOTE D



3 TYPICAL TUNNEL LIGHTING, LOAD CENTER, & RECEPTABLE DETAILS
NOT TO SCALE (ODD NUMBERED DRAWINGS E-5 THRU E-13)

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

DESIGNED		DRAWN		CHECKED		APPROVED	
W.S. CHU	2-24-83	C.J. BEID	2-24-83	H.B. ZACKRYSON	6-4-83	H.B. ZACKRYSON	6-4-83
REFERENCE DRAWINGS		REVISIONS					
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION			



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

MATHEWS • CHATELAIN • BEALL
ENGINEERS AND ARCHITECTS
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

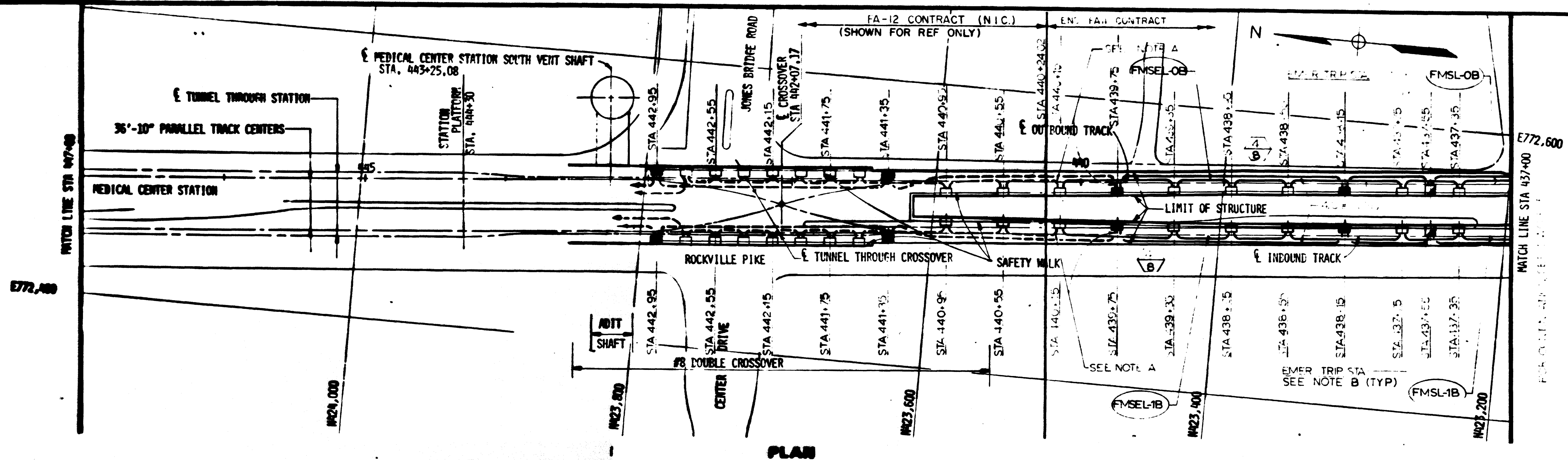
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED *[Signature]* DATE 8-15-80 APPROVED *[Signature]*

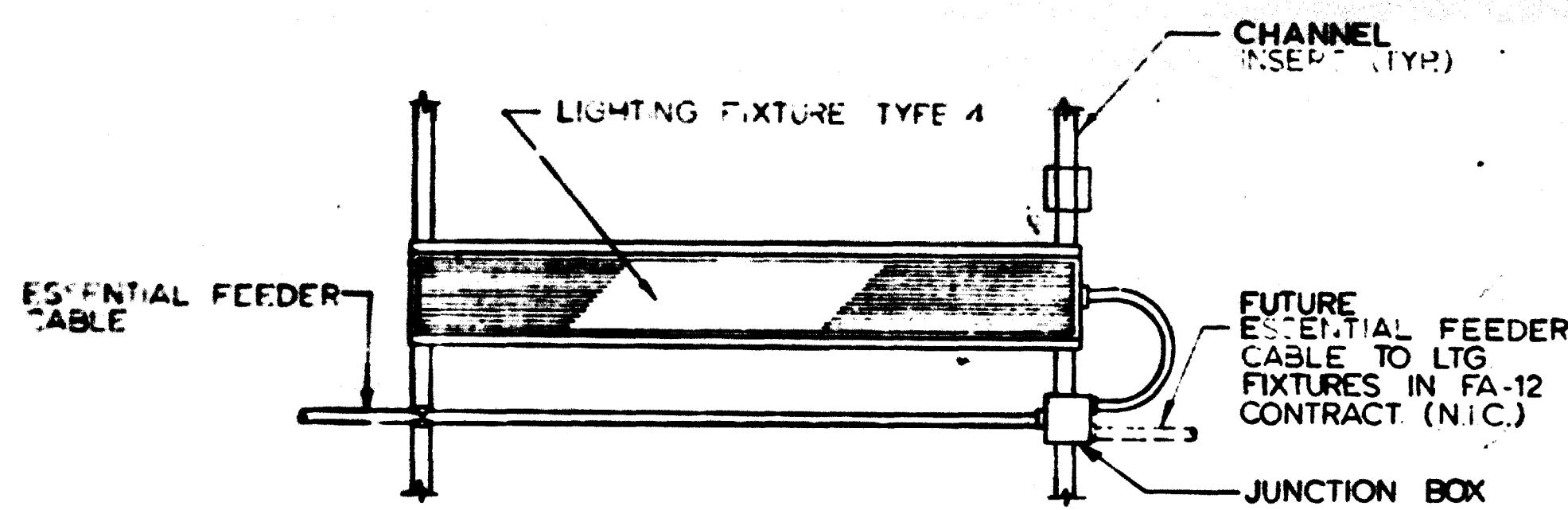
ROCKVILLE ROUTE
ELECTRICAL KEY PLAN
STA 437+00 TO STA. 427+00 - LIGHTING

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

DRAWING NO.
FALL-E-5

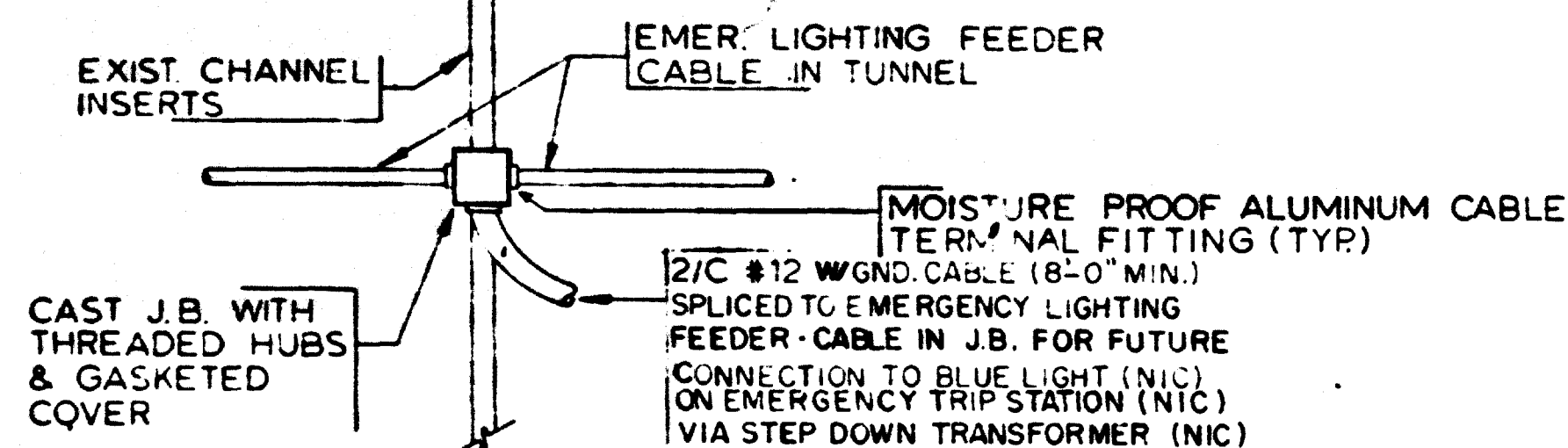


PLAN



1 TYPICAL INTERFACE CONNECTION FOR LIGHTING CIRCUIT

NOT TO SCALE
SIMILAR ARRANGEMENT FOR EMERGENCY LTG FEEDERS)



2 TYPICAL EMERGENCY TRIP STATION CONNECTION DETAIL

NOT TO SCALE

NOTES

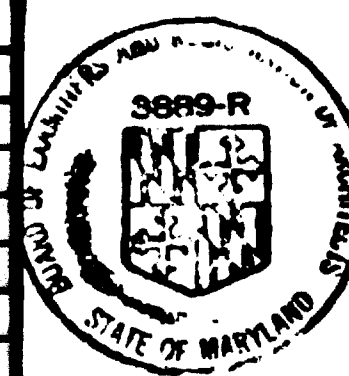
- A THE INTERFACIAL WIRING SHALL BE INSTALLED AND FURNISHED BY OTHERS. SEE DETAIL 1 OF THIS D.W.G.
- B THE ENCLOSURE OF SURFACE MOUNTED TYPE EMERGENCY TRIP STATION, BLUE LIGHT FIXTURES AND STEP-DOWN TRANSFORMERS FOR TUNNEL SHALL BE FURNISHED BY WMATA AND INSTALLED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH, INSTALL AND CONNECT A 277V. SINGLE PHASE 60HZ SUPPLY. FURNISH 8 FT OF SLACK 2#12 WITH GND CABLE SPLICED ON TO THE EMERGENCY LIGHTING FEEDER CABLE IN A JUNCTION BOX. SEE TYPICAL DETAIL 2 OF THIS DRAWING.
- C SEE NOTES A, B, C & D ON DWG E-5.
- D SEE NOTE C, DWG E-7.

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	DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	7-24-83	M	KEY PLAN & PROFILE STA 447+00 TO STA 443+00			
CHECKED	8-11-83					
APPROVED	8-16-83					



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

MATHEWS • CHATELAIN • BEALL
ENGINEERS AND ARCHITECTS
SECTION DESIGNER

DE LEUW, CATHAR & COMPANY
GENERAL ENGINEERING CONSULTANT

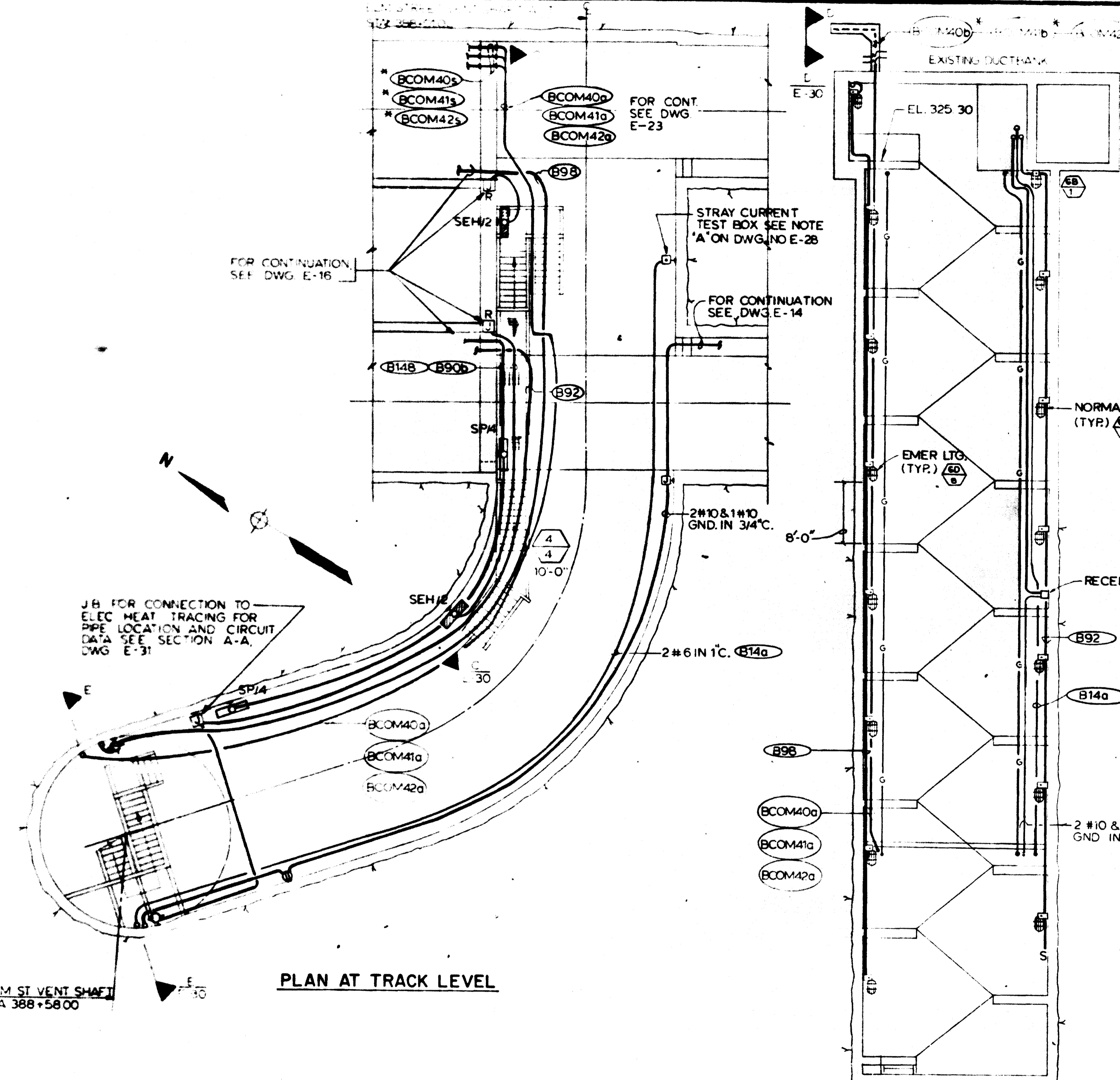
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED _____ DATE _____ APPROVED _____

ROCKVILLE ROUTE
ELECTRICAL KEY PLAN
STA 440+24.02 TO STA. 437+00 - LIGHTING

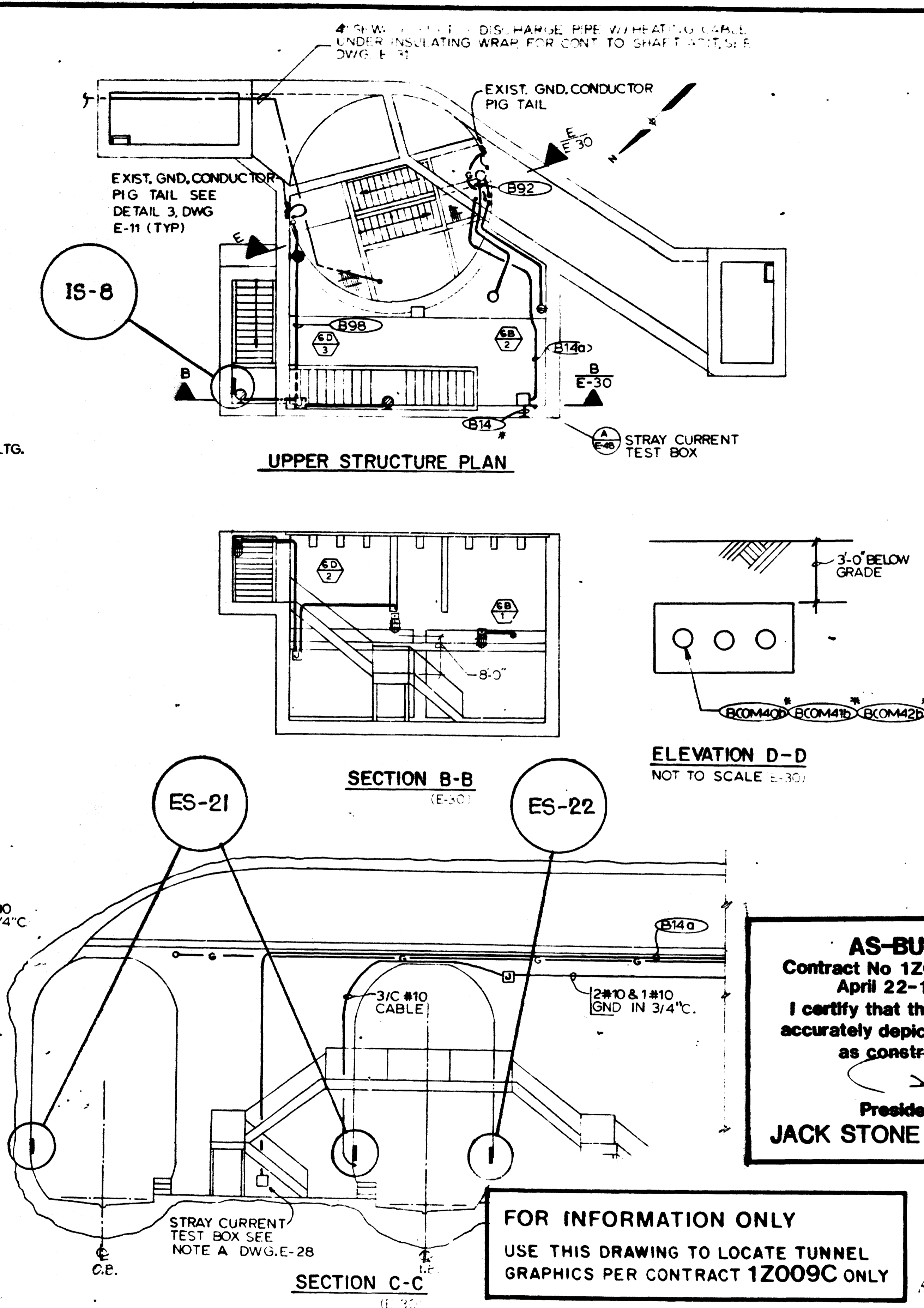
SCALE: HORIZ. 1"=40' 20 0 20 40

DRAWING NO. **FA11-E-3** MSL-38



PLAN AT TRACK LEVEL

SECTION E-E
(E-30, 31)



UPPER STRUCTURE PLAN

SECTION B-B
(E-30)

SECTION C-C
(E-30)

ELEVATION D-D
NOT TO SCALE (E-30)

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

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	DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
F. S. CHU	2/5/76	10/8	ELM STREET VENT SHAFT STAIRS AND MISC. DTLS			
F. ROCHA	2/26/76	10/8	ELM STREET VENT SHAFT PLAN AND SECTION			
H. B. ZACKRISON	6/16/80					
H. B. ZACKRISON	6/16/80					



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

MATHEWS • CHATELAIN • BEALL
ENGINEERS AND ARCHITECTS
SECTION DESIGNER

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

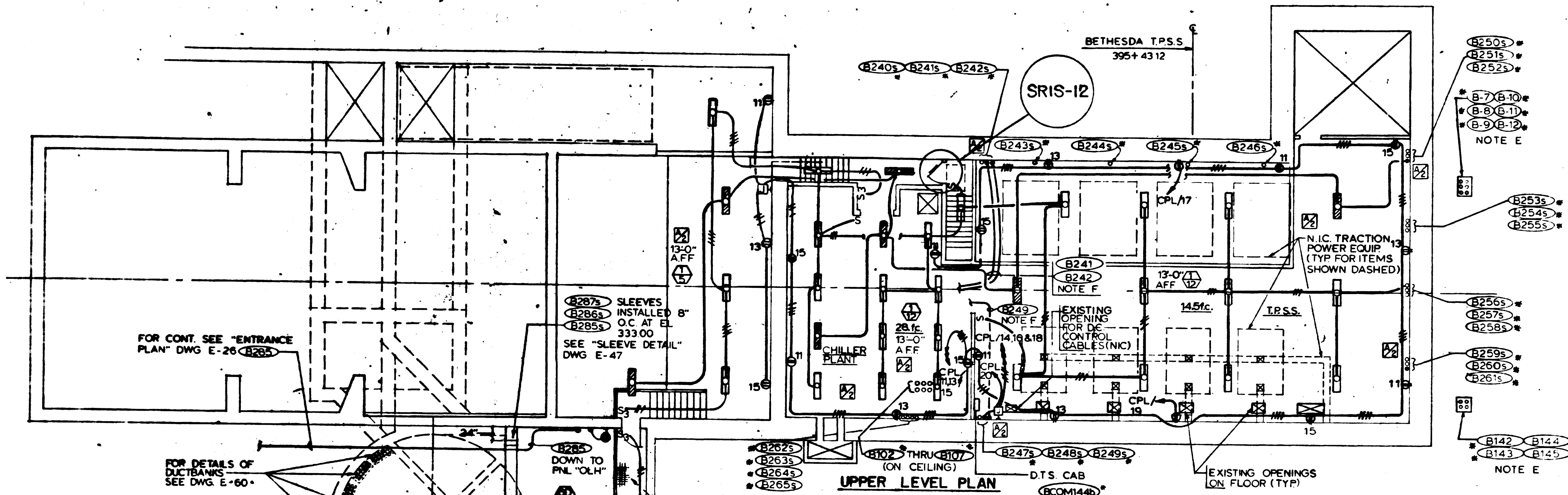
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED: [Signature] DATE: 8-15-80 APPROVED: [Signature]

**ROCKVILLE ROUTE
BETHESDA STATION
ELM STREET VENT SHAFT PLAN - LIGHTING**

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

DRAWING NO: FALL-E-30



FOR CONT. SEE "ENTRANCE PLAN" DWG E-26

SLEEVES INSTALLED 8" O.C. AT EL. 333.00 SEE "SLEEVE DETAIL" DWG E-47

FOR DETAILS OF DUCTBANKS SEE DWG E-60

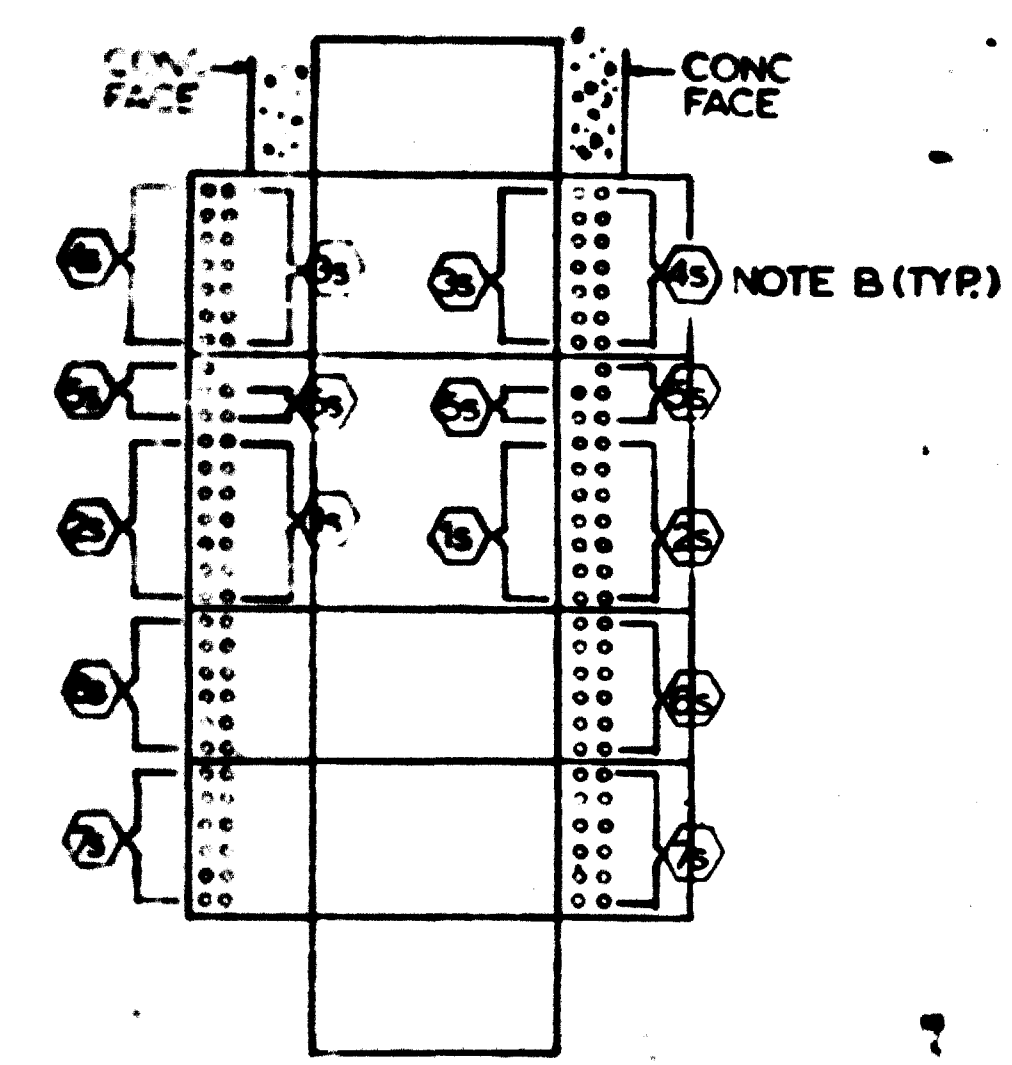
DOWN TO PNL "OLH" MTD. 8'-0" ABOVE LEVEL OF CATWALK

GRATING INDICATIONS

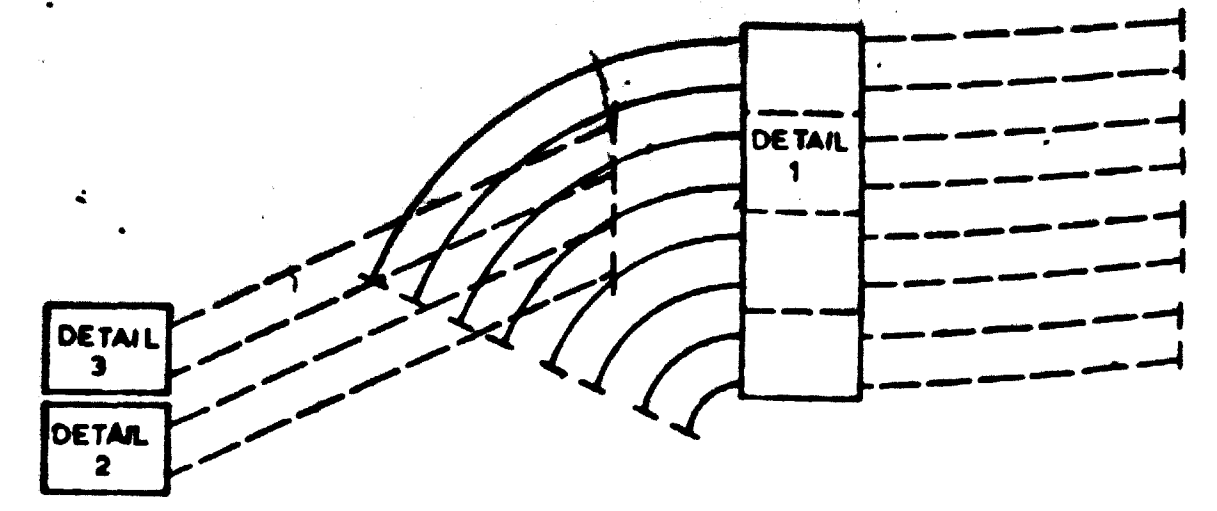
FOR CONT. SEE PARTIAL PLAN UPPER STRUCTURE DWG. E-28 (TYP FOR 4)

AS-BUILT
 Contract No 12009C only
 April 22-1983
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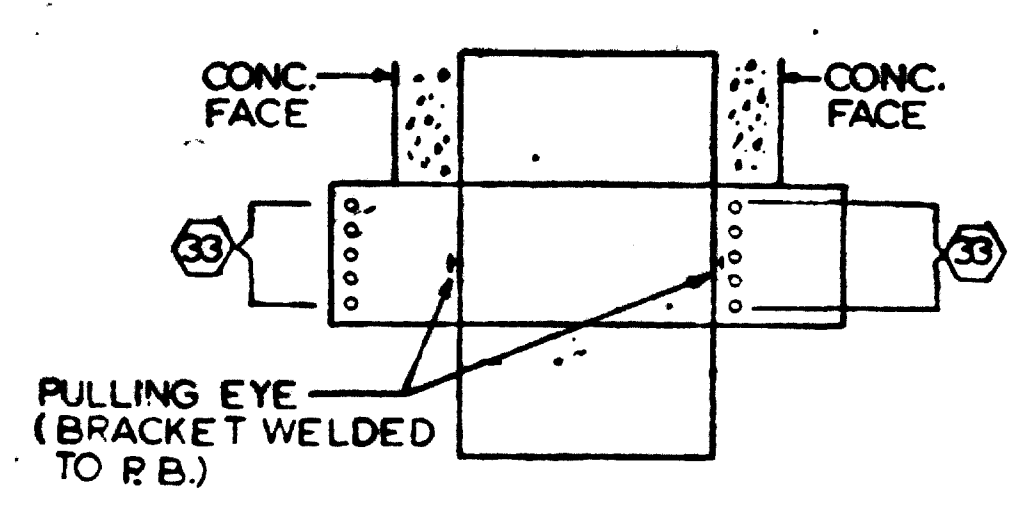
- NOTES**
- A. ALL SLEEVES IN FLOOR SLAB UNLESS OTHERWISE NOTED.
 - B. FOR INDIVIDUAL CONDUIT DESIGNATIONS, SEE DWG. E-32.
 - C. FOR GROUND BUS ARRANGEMENT, SEE DWG. E-127.
 - D. FOR LOCATIONS OF PANELS CP, CPL AND CHILLER PLANT EQUIPMENT, SEE DWG. E-127.
 - E. EXISTING DUCTBANK DOWN TO TPSS LOWER LEVEL. SEE DWG. E-32
 - F. FOR CONTINUATION SEE DWG. E-127
 - G. COORDINATE EXACT LOCATIONS OF LIGHTING FIXTURES WITH TRACTION POWER STAGE CONTRACTOR AND OTHER TRADES.



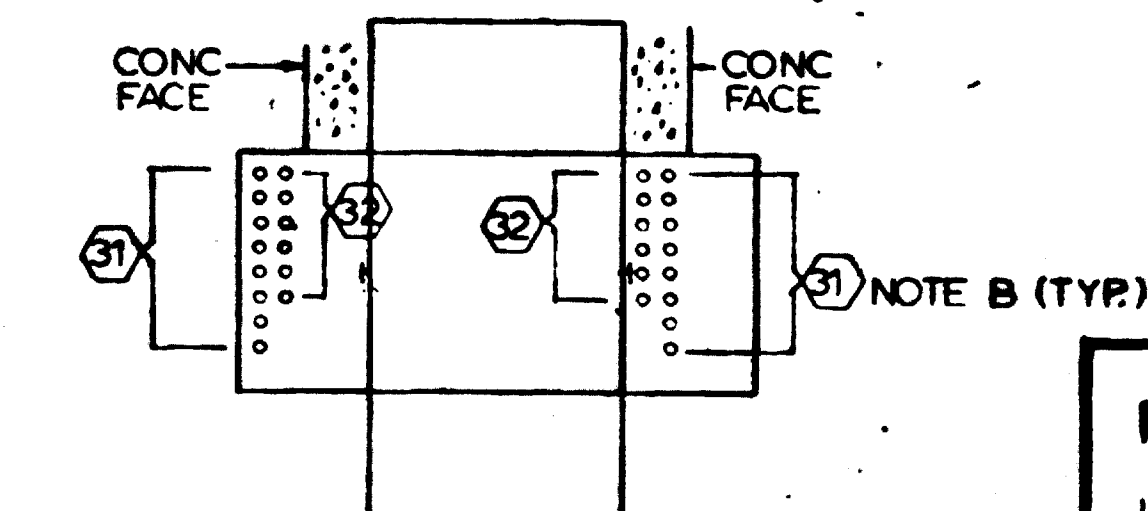
DETAIL 1 (E-32)
 FULLBOX EXPLODED VIEW



SECTION A-A (E-32)
 (DEVELOPED) NOT TO SCALE

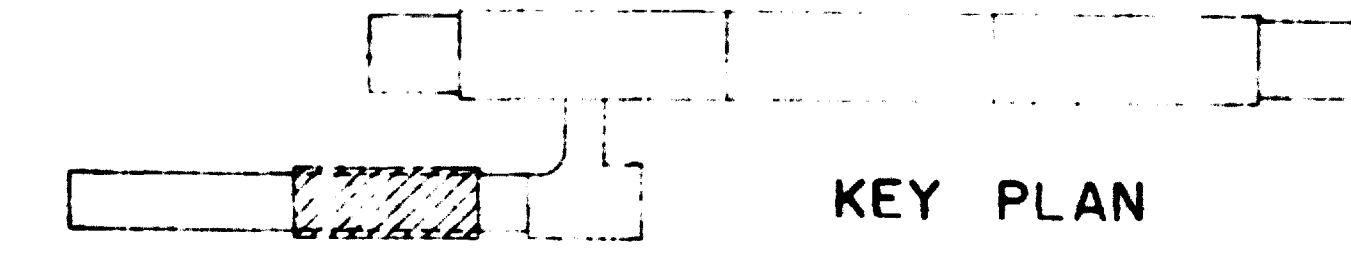


DETAIL 2 (E-32)
 PULLBOX EXPLODED VIEW

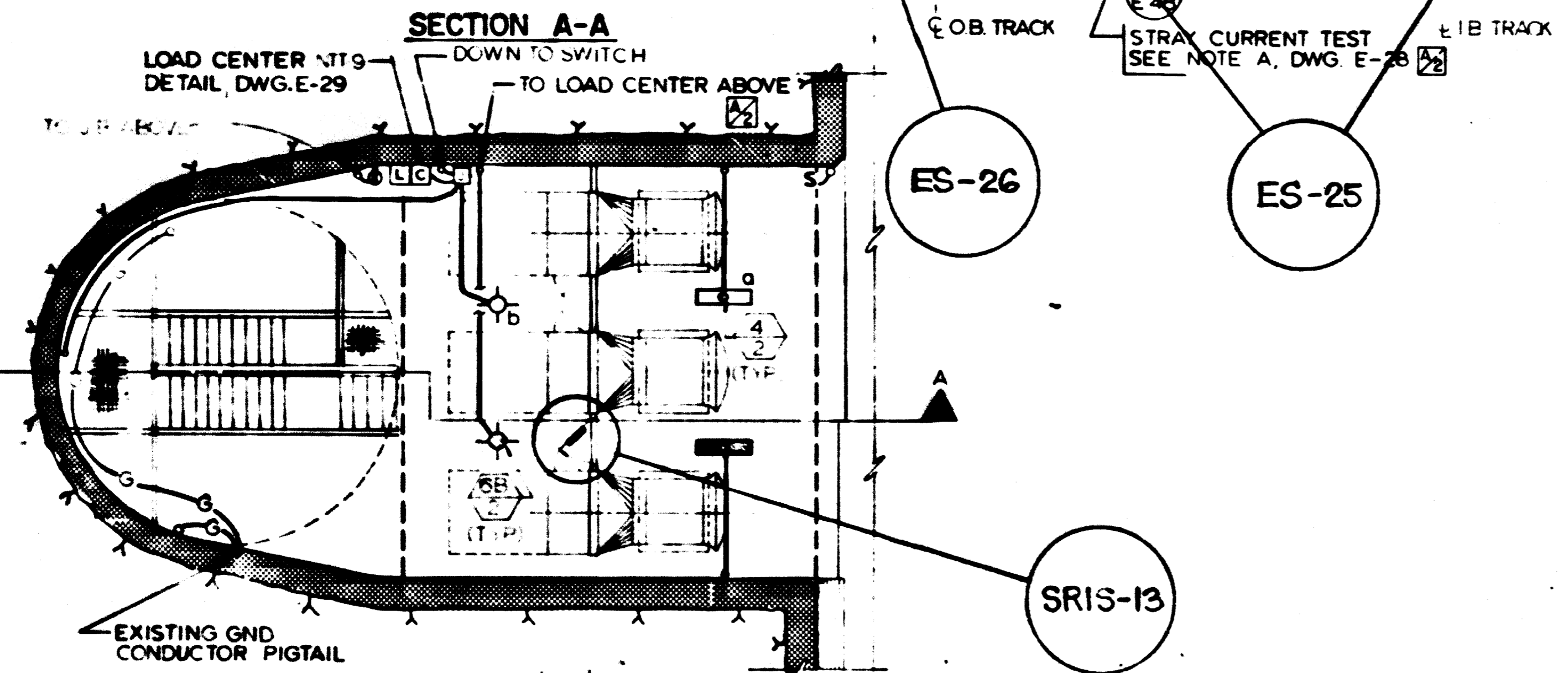
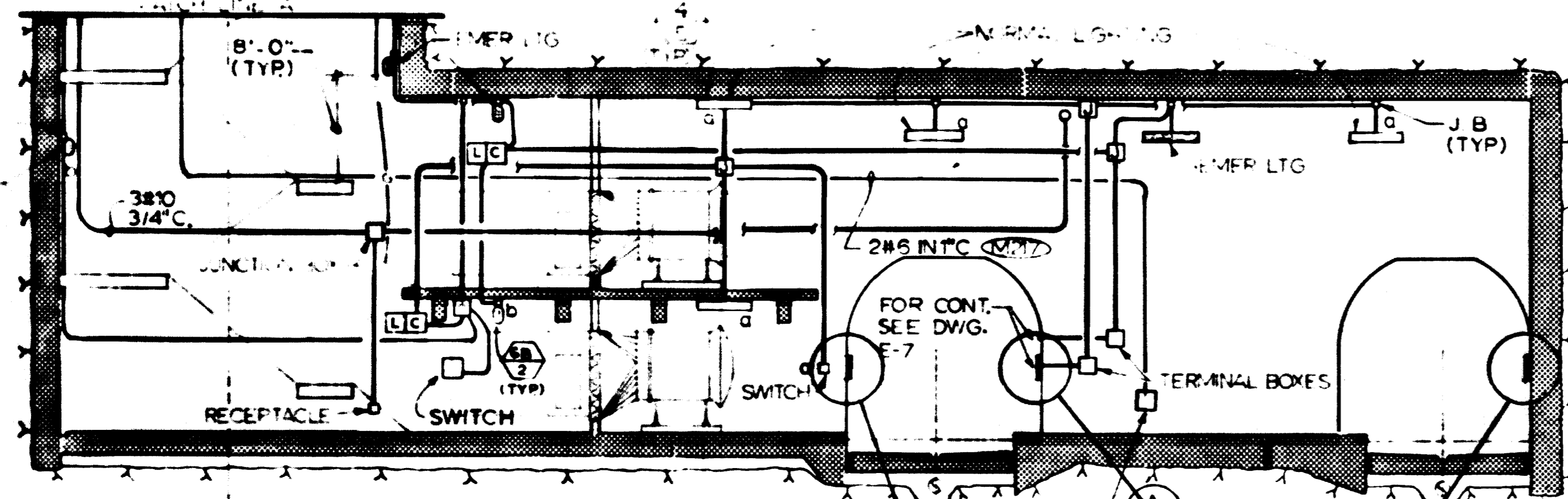


DETAIL 3 (E-32)
 PULLBOX EXPLODED VIEW

FOR INFORMATION ONLY
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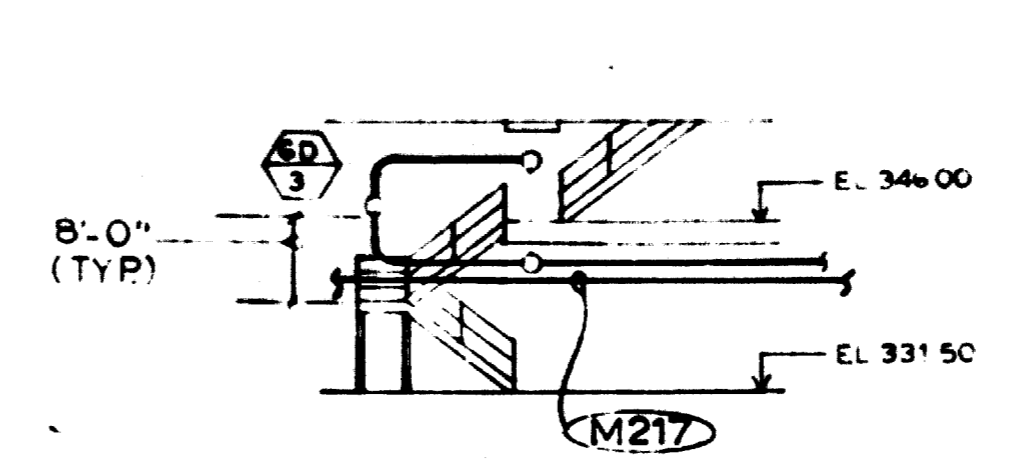


DESIGNED		DRAWN		CHECKED		APPROVED		REFERENCE DRAWINGS		REVISIONS		WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		ROCKVILLE ROUTE BETHESDA STATION TRACTION POWER S.S. & CHILLER PLANT- LTG. & PWR.		
P.S. CHU	9-6-78	E. ROCHA	9-16-78	H.B. ZACKRISON	6-18-80	H.B. ZACKRISON	6-18-80	5-115	NORTH VENT SHAFT & PWR. SUBSTA STAIRS & LADDER	9-25-80	M.Z.	CLARIFIED LIGHTING FIXTURE LOCATIONS AND PURPOSE OF DASHED ITEMS	MATHews • CHATELAIN • BEALL ENGINEERS AND ARCHITECTS SECTION DESIGNER:		DE LEUW, CATHÉ & COMPANY GENERAL ENGINEERING CONSULTANT HARRY WEESE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT	
								1					SUBMITTED <i>Emily R. Press</i> DATE 8-15-80		APPROVED <i>Carl H. ...</i>	
								2					SCALE 1/8" = 1'-0"		DRAWING NO. FA 11 - E - 33	
								3					M520-40			

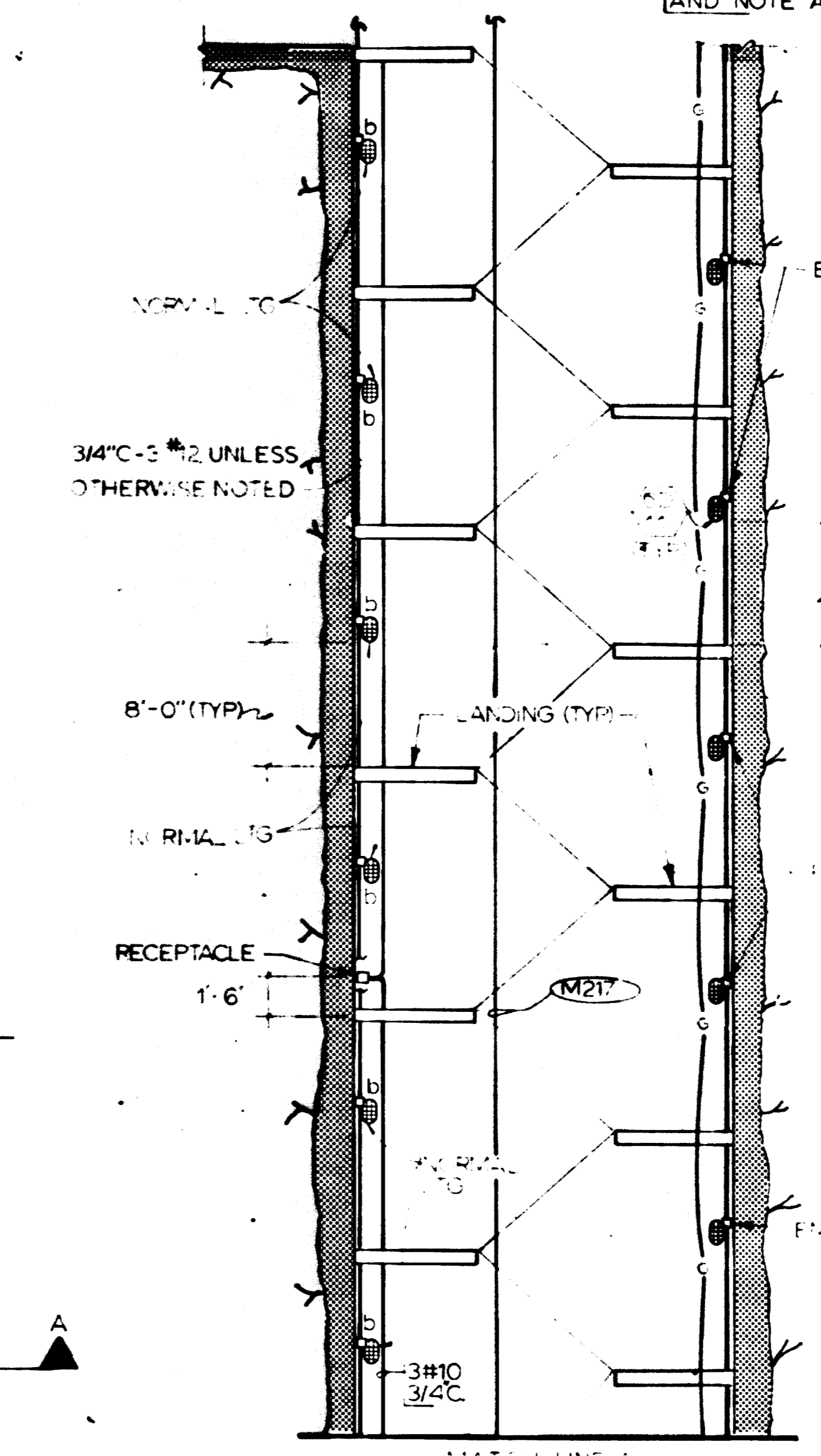


PLAN AT TRACK LEVEL

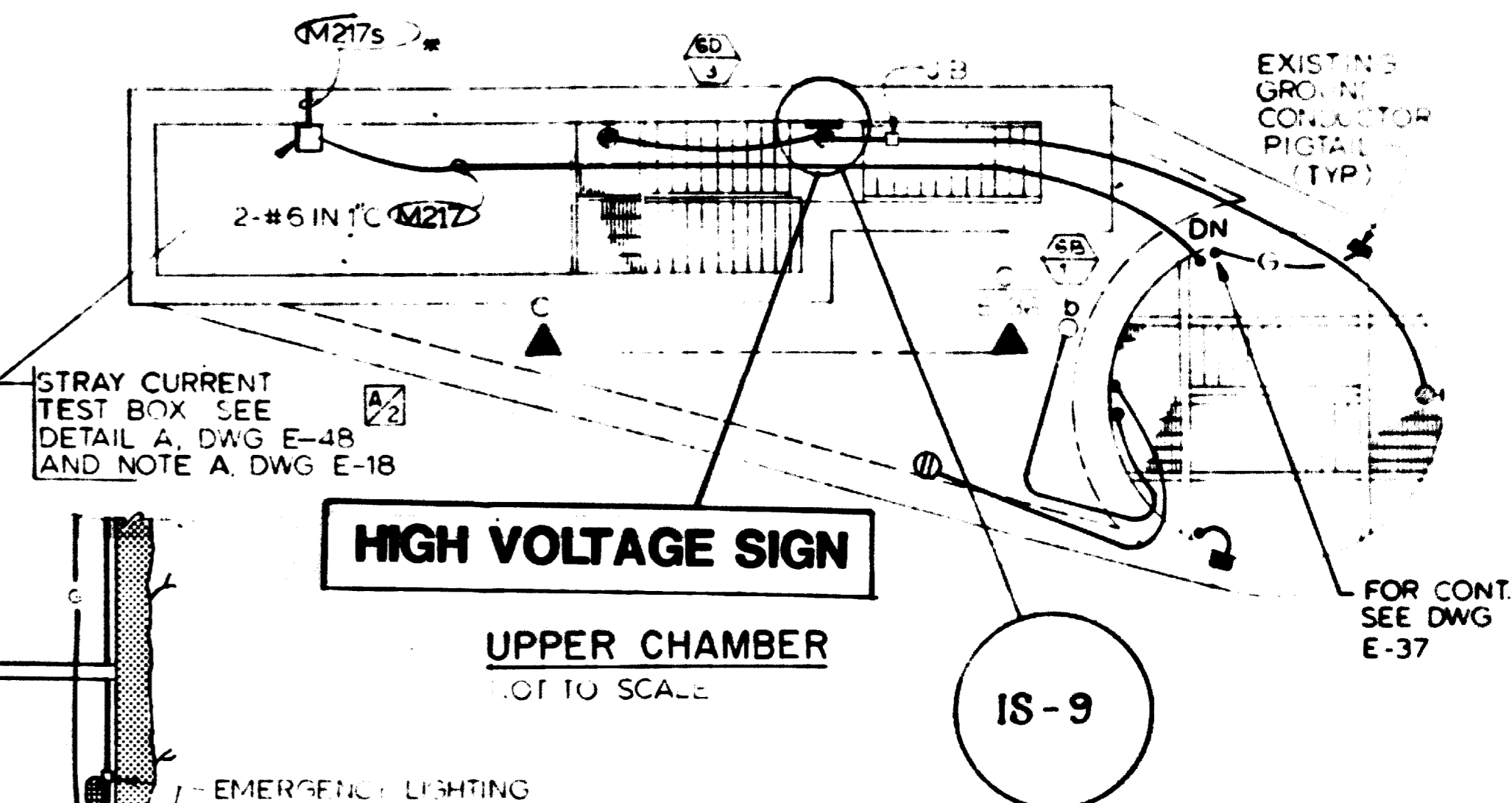
PLAN AT MEZZANINE LEVEL



SECTION C-C
NOT TO SCALE



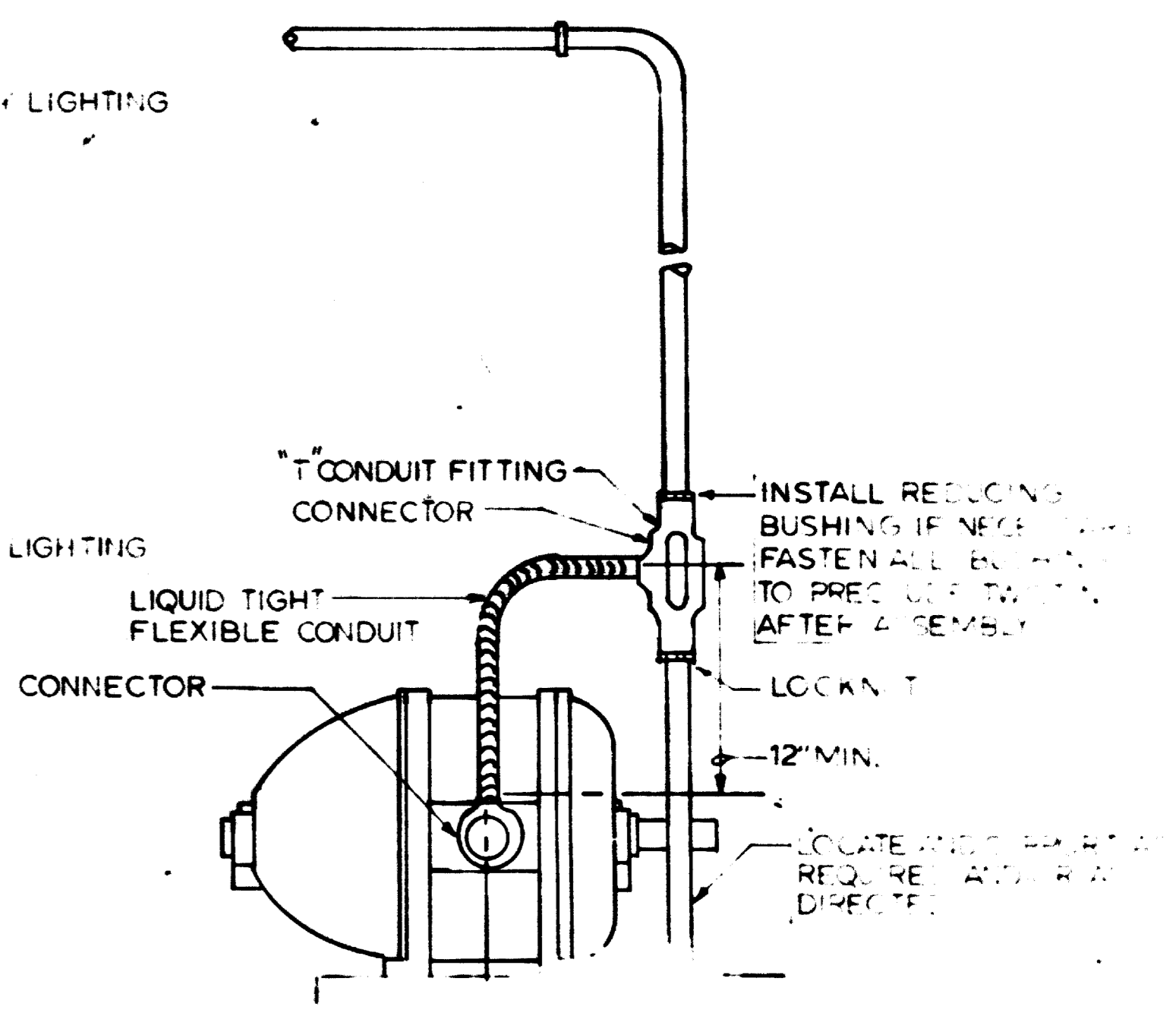
SECTION A-A



HIGH VOLTAGE SIGN

UPPER CHAMBER
NOT TO SCALE

AS-BUILT
Contract No 12009C only
April 22-1983
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President
JACK STONE SIGN INC.



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GRAPHICS PER CONTRACT 12009C ONLY

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
PS. CHU	11-74	006	W VA. AVE. FAN SHAFT STAIRS	9-25-80	H 2 CORRECTED STRAY CURRENT NOTE
B. STAUFFER	5-1-75	009	W VA. AVE. FAN SHAFT PLANS & SECTIONS		REVISED NOTES
CJ. HEN	8-16-80				
MB. ZACKRISON	8-16-80				
MB. ZACKRISON	8-16-80				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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SECTION DESIGNER

DE LEUW, CATHY & COMPANY
GENERAL ENGINEERING CONSULTANT

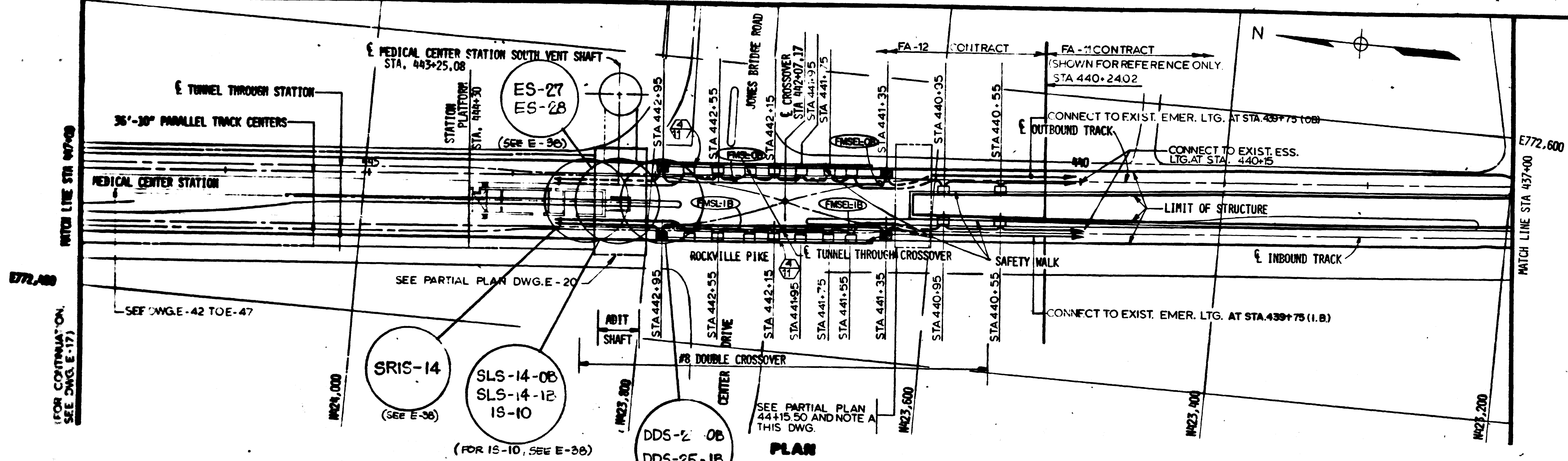
HARRY WESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED *Janet K. Press* DATE 8-15-80 APPROVED *Paul J. Mathews*

ROCKVILLE ROUTE
WEST VIRGINIA AVENUE
FAN SHAFT PLAN - LIGHTING

SCALE 1/8" = 1'-0"

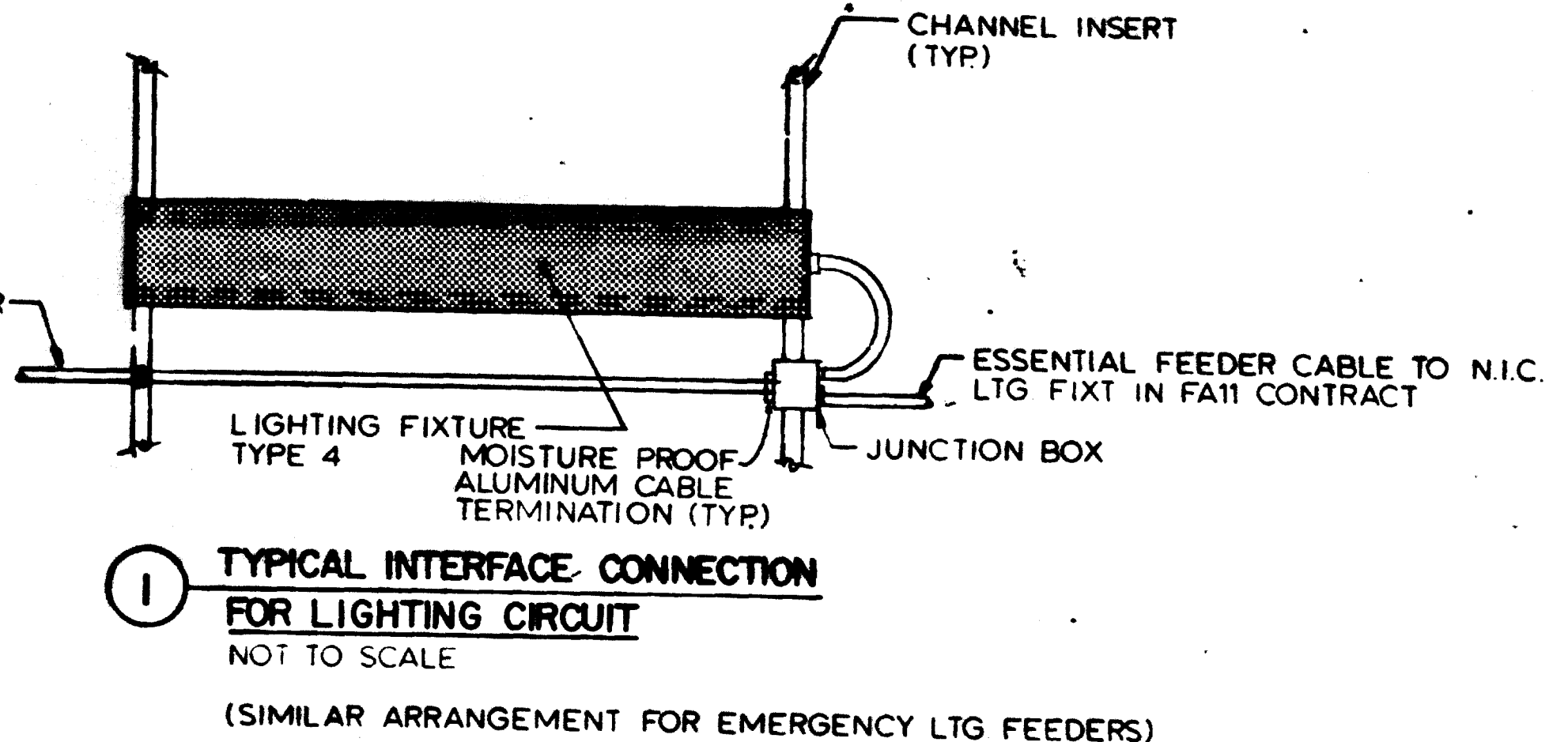
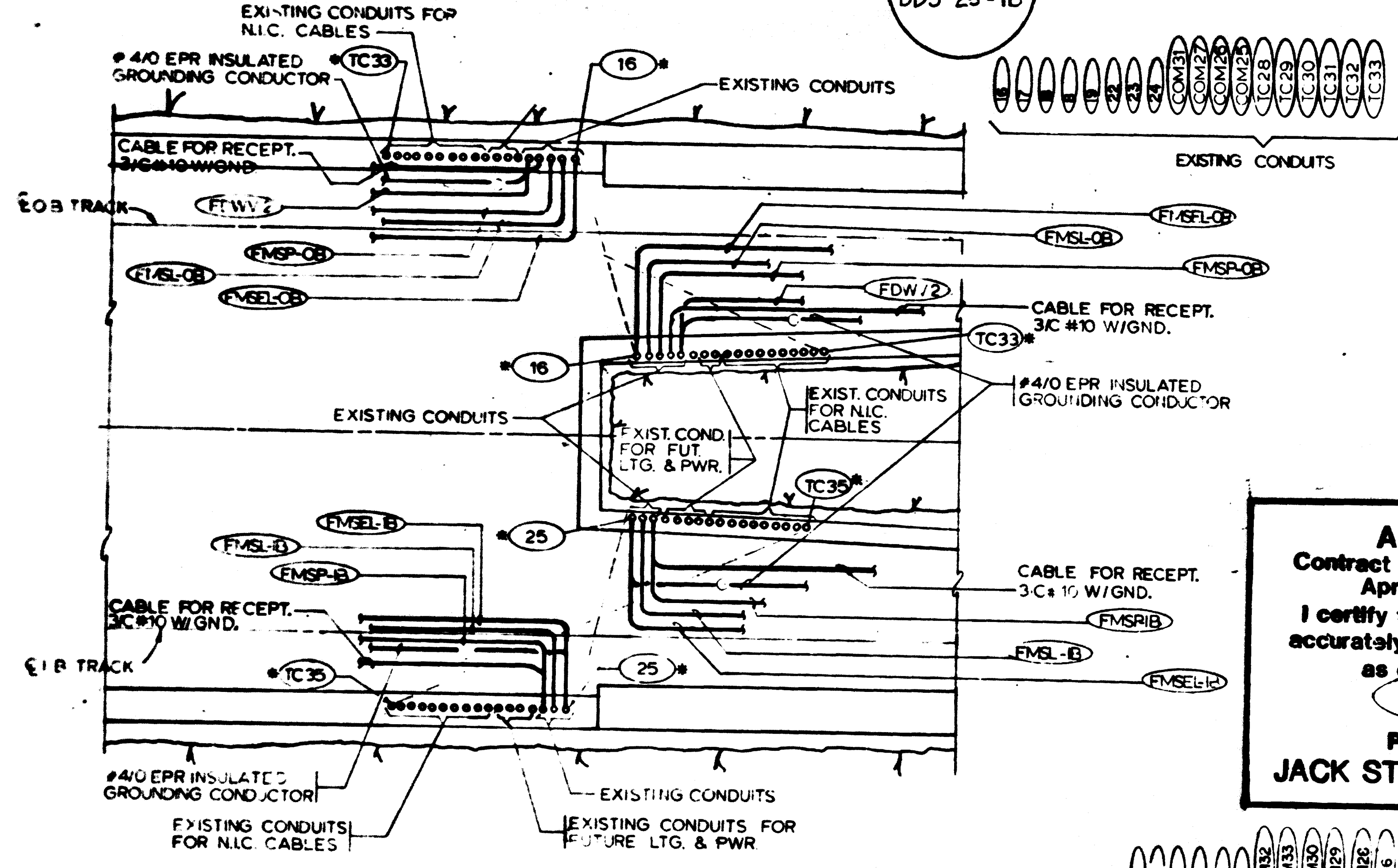
DRAWING NO. FA 11-E-36



PLAN

NOTES

- A. ROUTE THE CABLES THROUGH THE EXISTING CONDUITS AS SHOWN ON THE PARTIAL PLAN.
- B. ETS INDICATED ON DWG. E-42.
- C. SEE NOTES B & C, DWG. E-11.

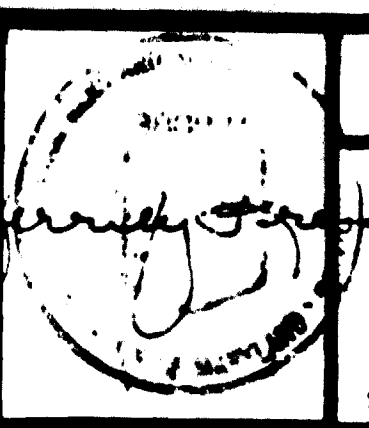


AS-BUILT
 Contract No 12009C only
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 GRAPHICS PER CONTRACT 12009C ONLY

PARTIAL PLAN-STA.441+04 TO STA.441+29
 SCALE: NONE(E-19)

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
M-11	KEY PLAN & PROFILE MED CENTER STA S VENT SHAFT		
M-11	KEY PLAN & PROFILE STA 447+00 STA 437+00		



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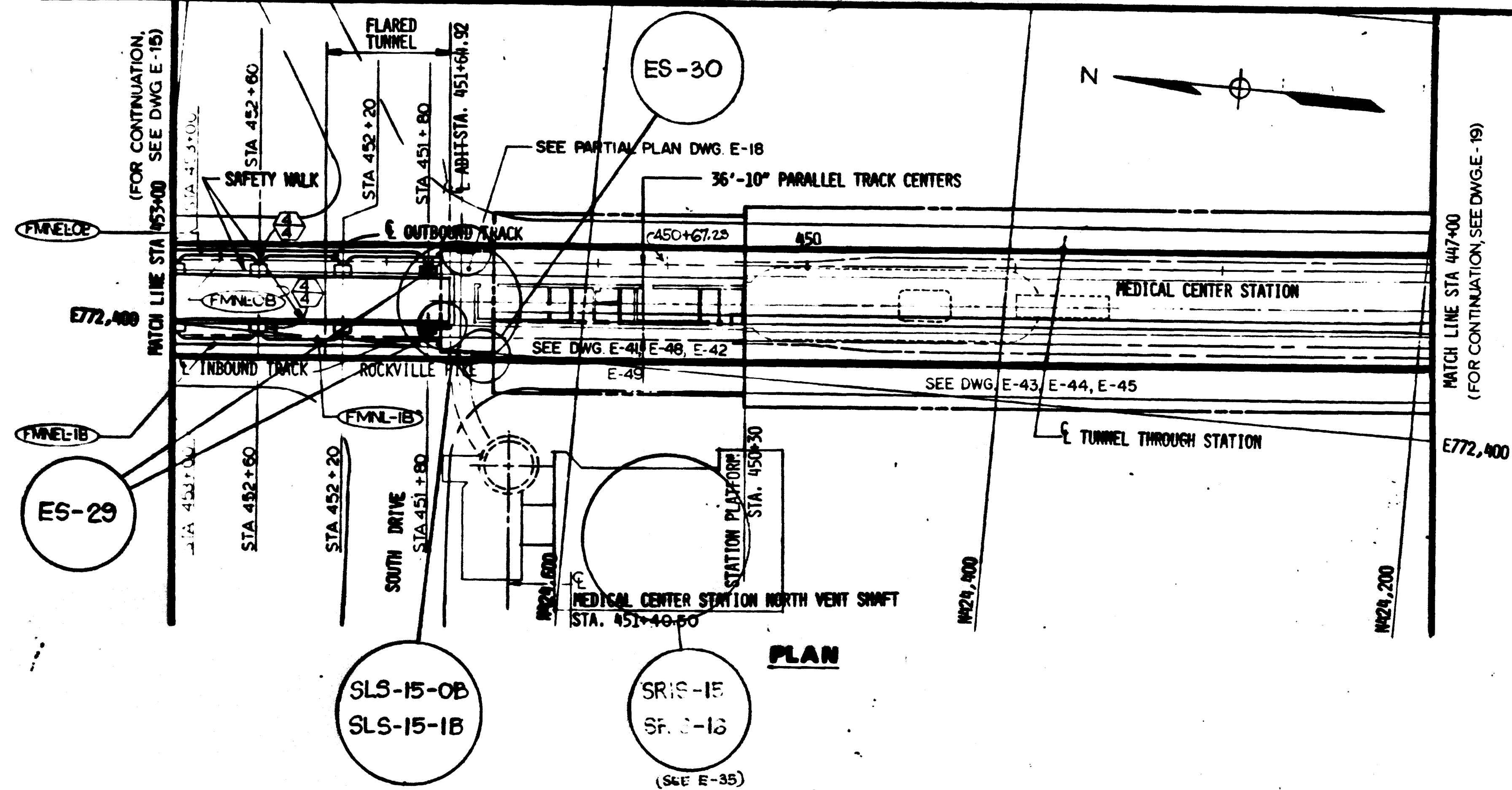
HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED *Jeremy Kress* DATE 2/10/81 APPROVED *Tai S. Hsu*

ROCKVILLE ROUTE
 ELECTRICAL KEY PLAN
 STA.447+00 TO STA 440+24.02- LIGHTING

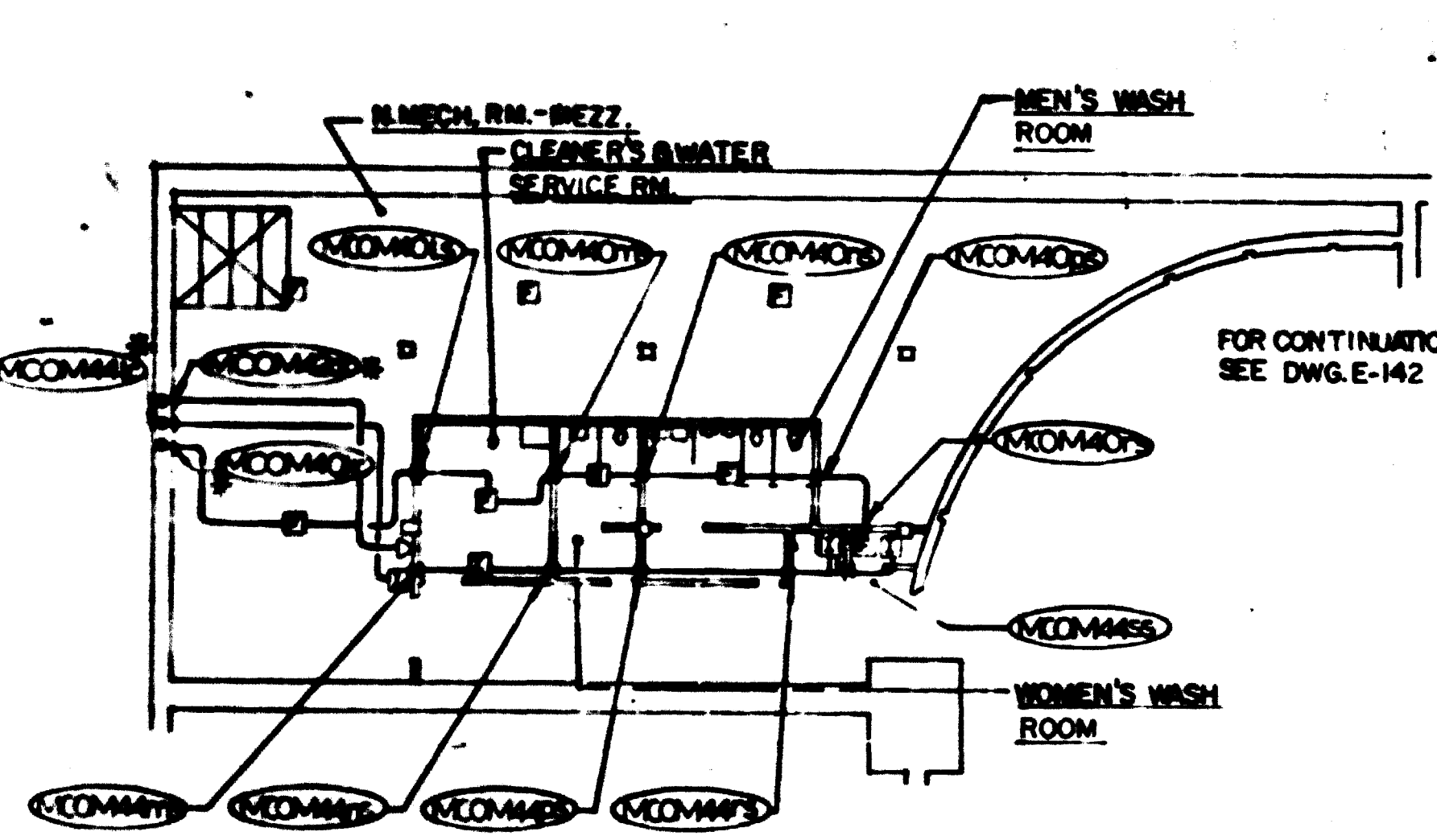
SCALE: HORIZ. 1"=40' 0 20 40
 AND AS NOTED

DRAWING NO. FA12-E-19 M525-42

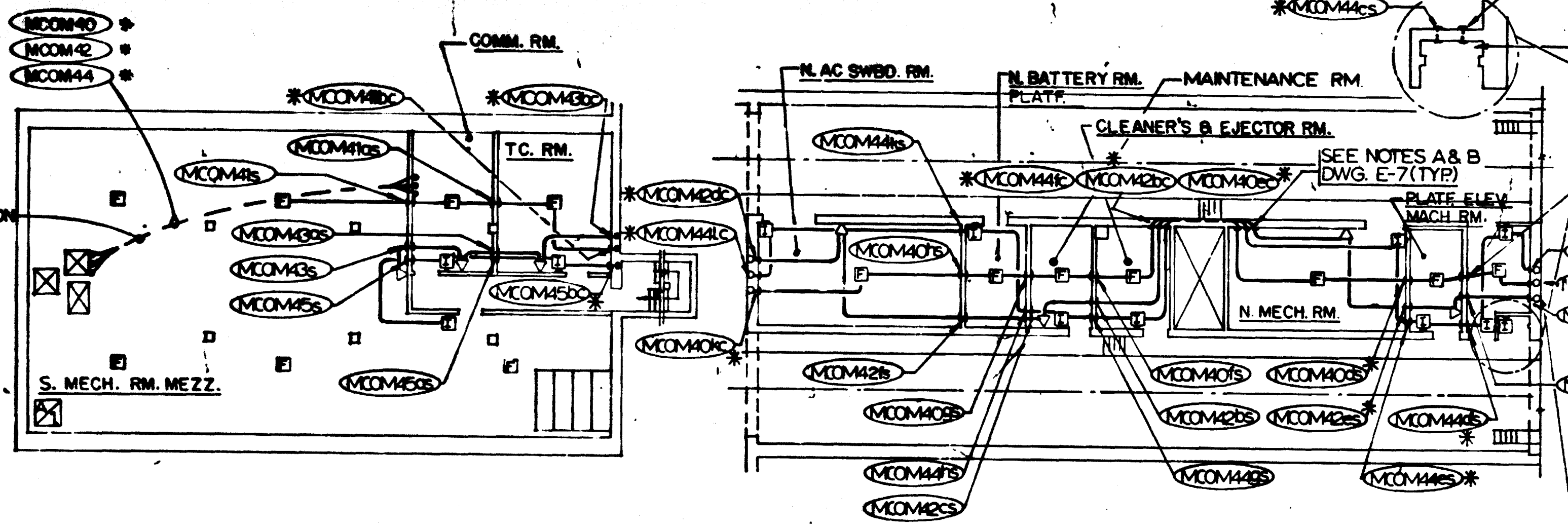


- NOTES**
- A. SEE NOTE A, DWG. E-9.
 - B. SEE NOTES B & C DWG. E-11
 - C. FOR LOCATION OF E.T.S. SEE DWG. E-42.
 - D. ALL "THRU THE WALL" SLEEVES SHALL BE LOCATED AT 8'-0" A.F.F. UNLESS STATED OTHERWISE.

AS-BUILT
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 April 22-1983
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PLAN - MEZZANINE LEVEL



PLAN - PLATFORM LEVEL

PROPOSED DESIGN FOR FIRE ALARM, INTRUSION ALARM & PABX-TELEPHONE SYS - NORTH & SOUTH ANCIL. SPACES
 SCALE: 1/16" = 1'-0" NOTE D

FOR INFORMATION ONLY
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DESIGNED	DATE	NUMBER	DESCRIPTION	DATE	BY	REVISIONS
P.S. CHAM	6-14-79		ANCILLARY SPACES- PLATFORM LEVEL	3-30-81	R.S.	REVISED PLAN TITLE
DRAWN	C.J. BLID		ANCILLARY SPACES- MEZZANINE LEVEL			
CHECKED	H.B. ZACKRISON	6-16-80	KEY PLAN & PROFILE STA 453+00 TO STA 447+00			
APPROVED	H.B. ZACKRISON	6-16-80	PASSAGEWAY ANCILLARY AREA PLAN			
			ANCILLARY AREAS PLATFORM LEVEL			
			SOUTH ANCILLARY AREA UPPER LEVEL PLAN			



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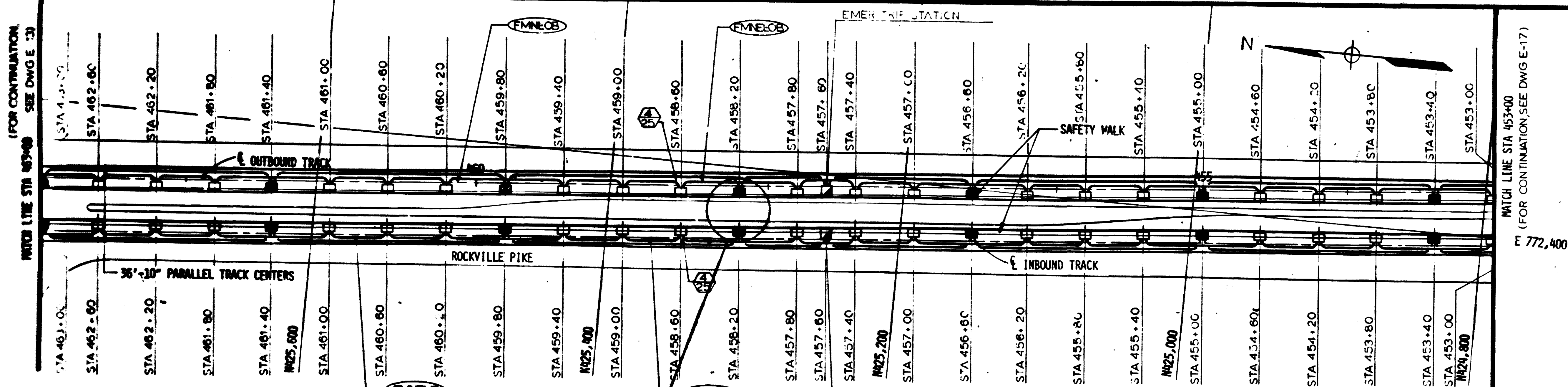
HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED *James Press* DATE 2/18/81 APPROVED *Paul J. ...*

ROCKVILLE ROUTE
 ELECTRICAL KEY PLAN
 STA 453+00 TO STA 447+00 - LIGHTING

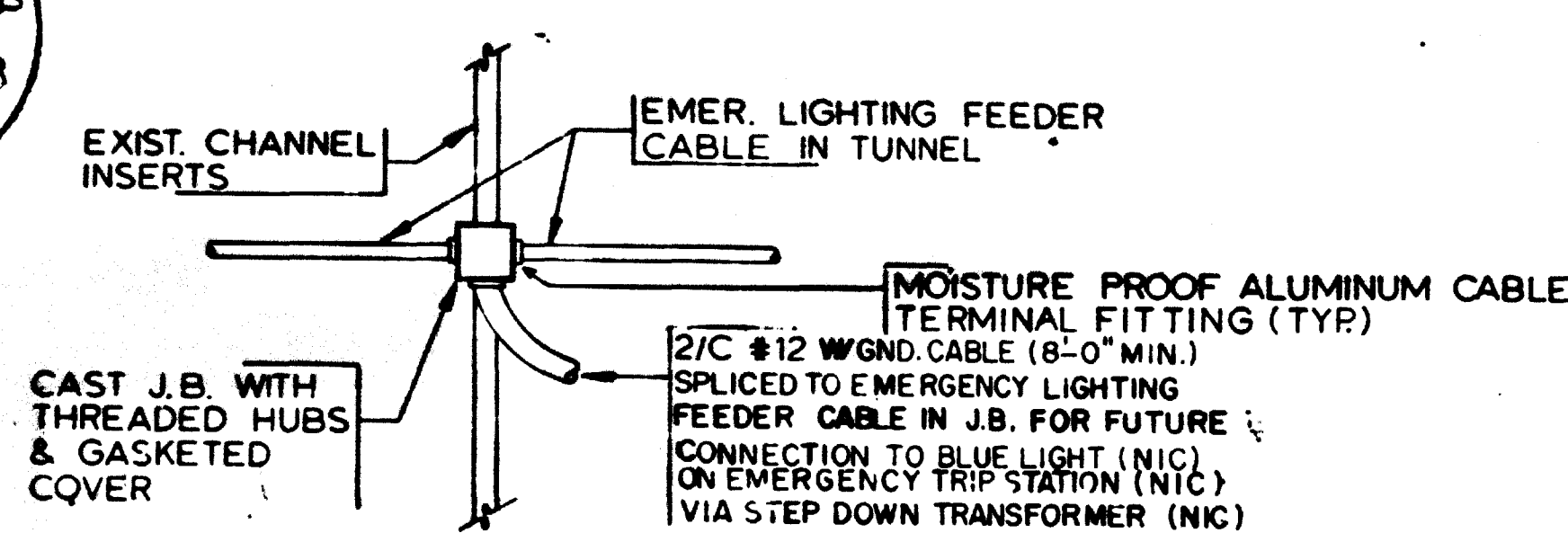
SCALE: HORIZ. 1" = 40' VERT. 1" = 20'

DRAWING NO. FAI2-E-17



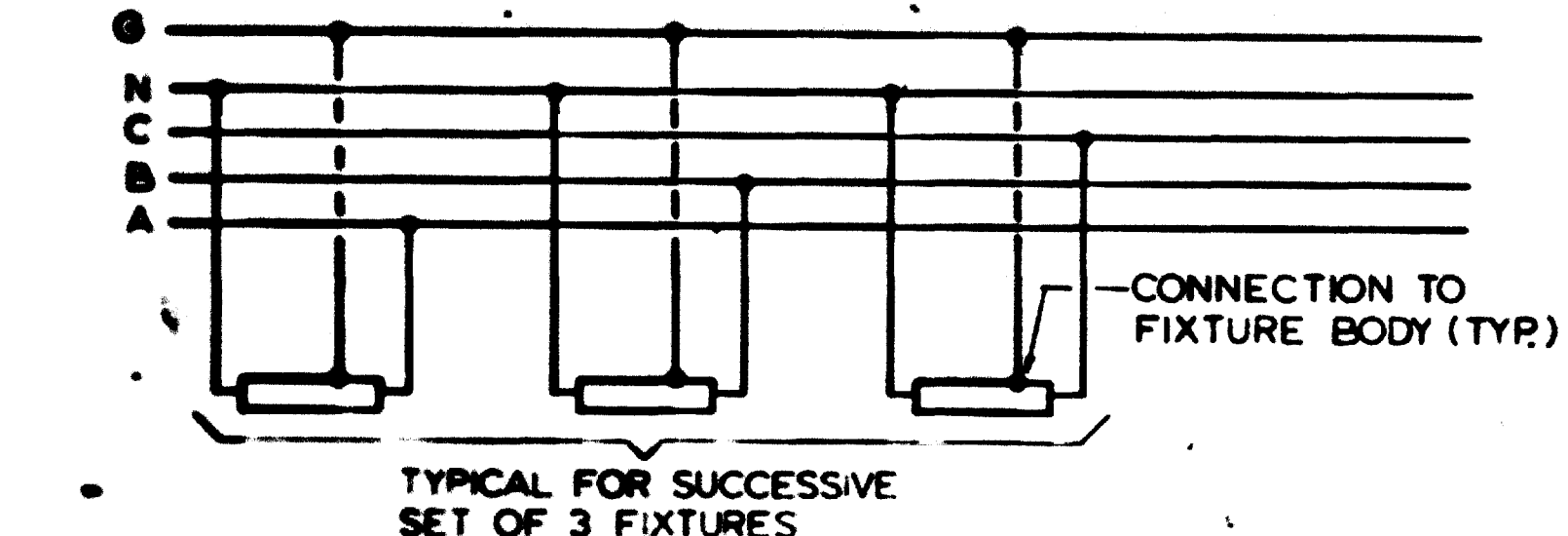
36'-10" PARALLEL TRACK CENTERS
 ROCKVILLE PIKE
 EMER. TRIP STATION
 SEE NOTE A ON DWG E-5 (TYP.)

DDS-26-0B
 DDS-26-1B

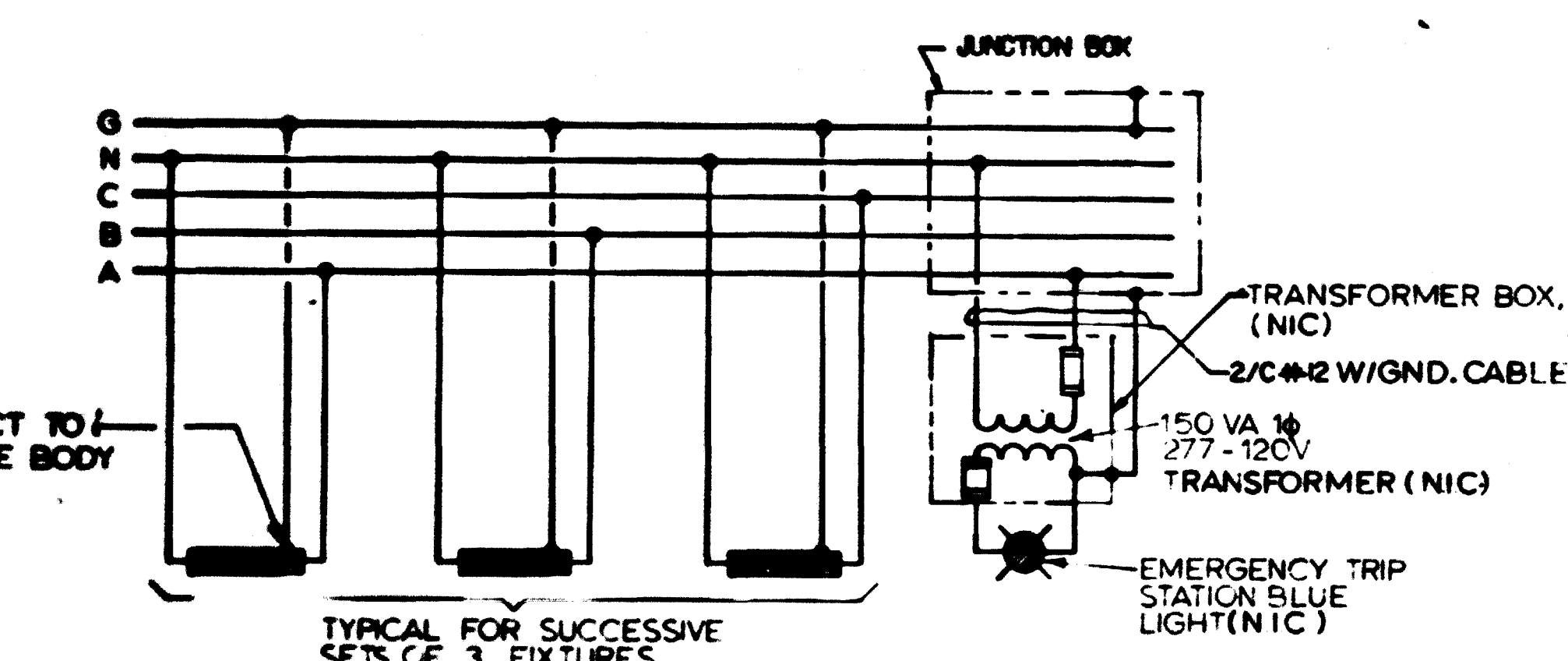


3 TYPICAL EMERGENCY TRIP STATION CONNECTION DETAIL
 NOT TO SCALE

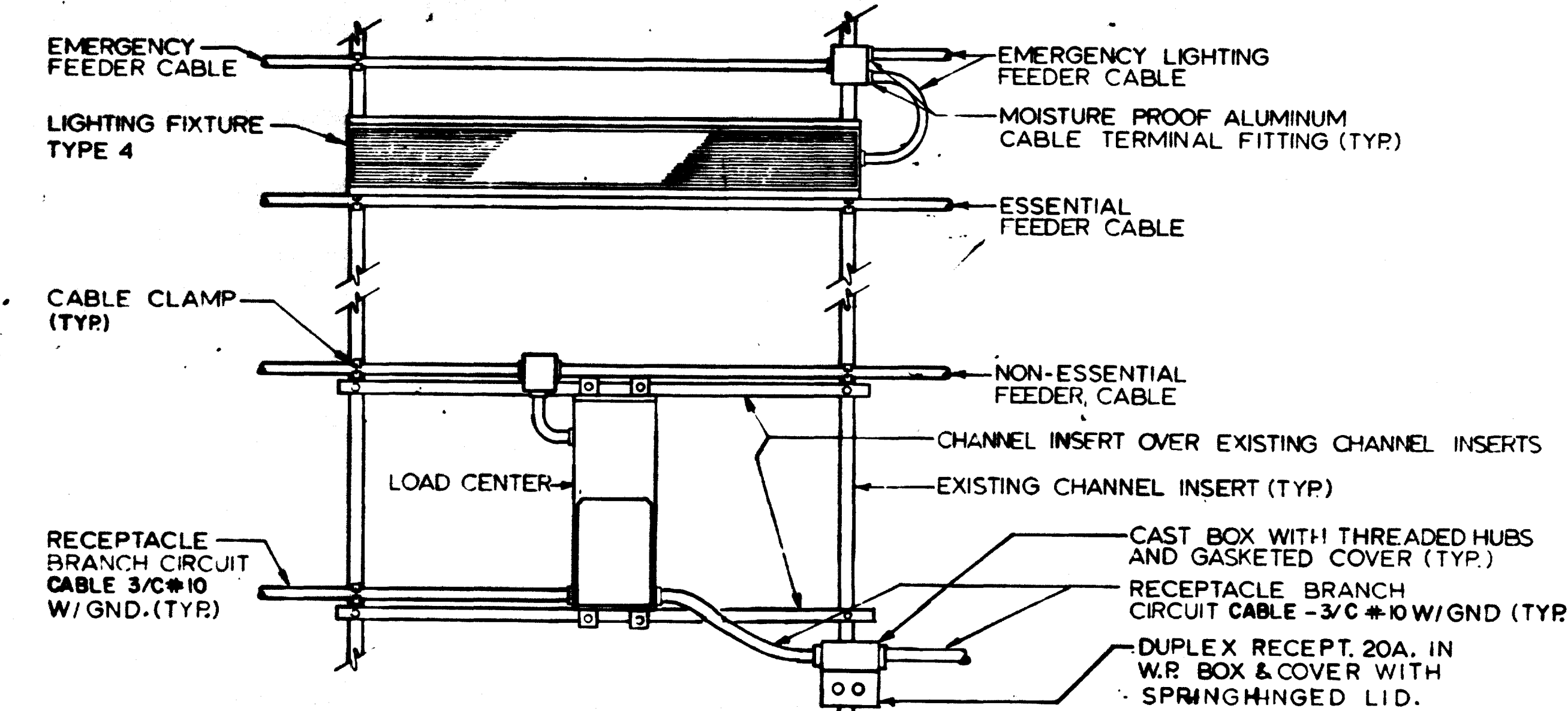
NOTES
 A. SEE NOTE A, DWG. E-9.
 B. SEE NOTES B & C DWG. E-11.



1 TYPICAL TRACK LIGHTING FOR NORMAL CIRCUIT
 NOT TO SCALE



2 TYPICAL TRACK LIGHTING FOR EMER. CIRCUIT
 NOT TO SCALE



4 TYPICAL TRACK LIGHTING, LOAD CENTER & RECEPTACLE DETAILS
 NOT TO SCALE (ODD NUMBERED DWGS. E-5 THRU E-19)

AS-BUILT
 Contract No 12009C only
 April 22-1983
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 President
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DESIGNED	DATE	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
P.S. CHU	7-12-83					
DRAWN	7-12-83					
C.J. BILD						
CHECKED	8-16-80					
H.B. ZACKRISON						
APPROVED	8-16-80					
H.B. ZACKRISON						

REFERENCE DRAWINGS	REVISIONS

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	
MATHEWS • CHATELAIN • BEALL ENGINEERS AND ARCHITECTS SECTION DESIGNER	DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT HARRY WEESE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT
SUBMITTED <i>[Signature]</i> DATE 2/18/81	APPROVED <i>[Signature]</i>

ROCKVILLE ROUTE ELECTRICAL KEY PLAN STA. 463+00 TO STA. 453+00 - LIGHTING	
SCALE HORIZ. 1"=40'	DRAWING NO. FAI2-E-15