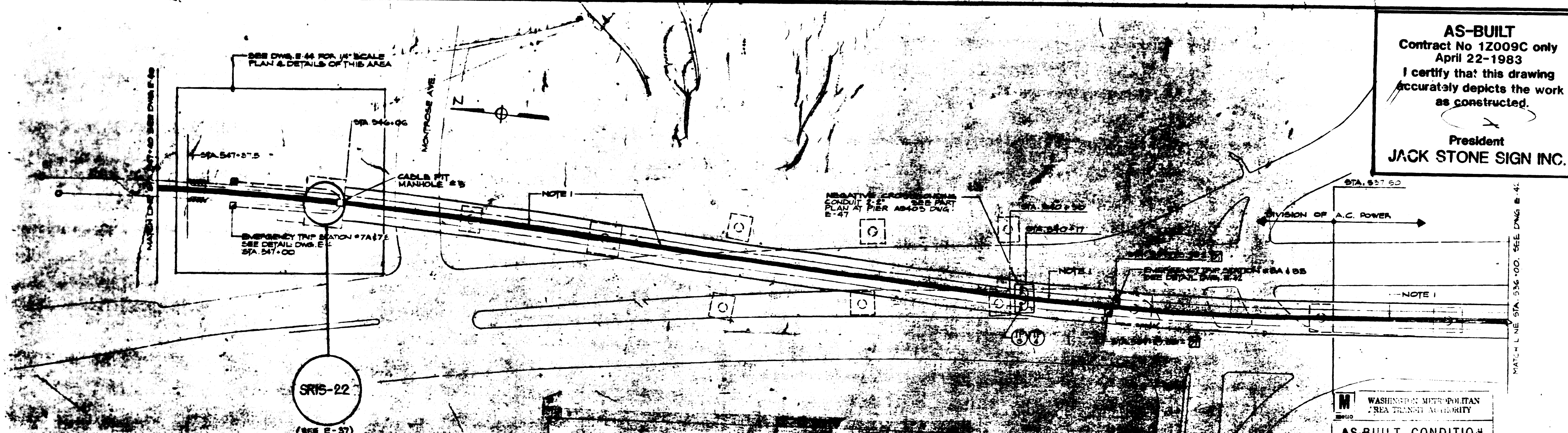


AS-BUILT
 Contract No 12009C only
 April 22-1983
 I certify that this drawing
 accurately depicts the work
 as constructed.
 President
JACK STONE SIGN INC.

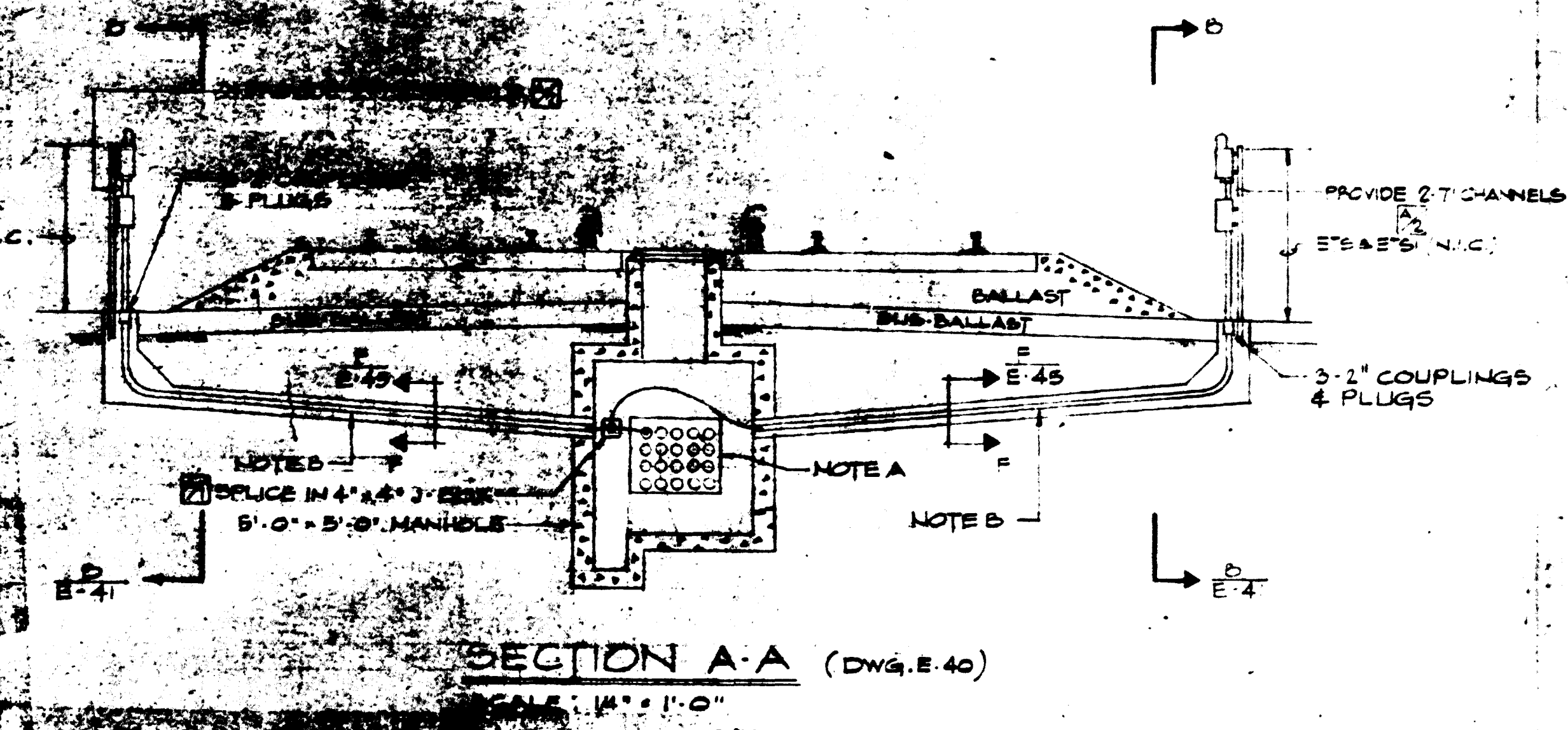
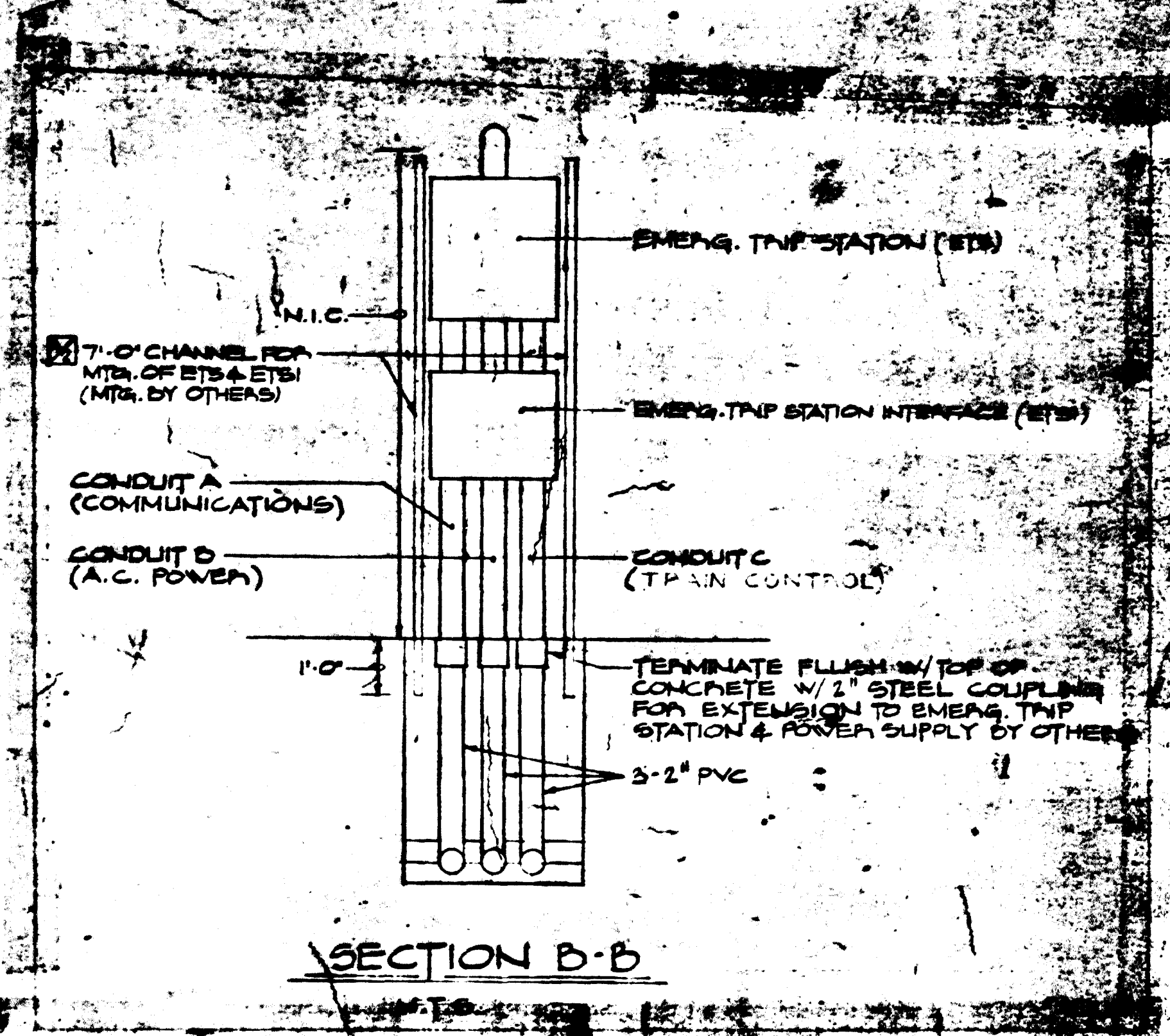


NOTES

SAFETY WALK ELECTRICAL RACEWAY W/ 4 MULTICONDUCTOR CABLE (2/C 10" 100/7) IN
 EMERG. TRIP STATION POWER SUPPLY FEEDER 50C IN POWER SECTION - SEE DETAIL
 DWG. E-48. NO EMERGENCY TRIP STATION POWER SUPPLY WIRE
 FROM STA. 549+20 TO STA. 545+20.5

EMERGENCY TRIP STATION SURFACE AREA CONDUIT SCHEDULE				
CONDUIT	EAST SIDE	IDENT.	WEST SIDE	IDENT.
A B C	545+00	COM 110 104 TC-63	545+00	COM 111 105 TC-64
A B C	547+00	COM 100 112 TC-57	547+00	COM 101 113 TC-58
A B C	552+80	COM 102 114 TC-59	552+00	COM 103 115 TC-60
A B C	560+80	COM 104 116 TC-61	560+50	COM 105 117 TC-62

SEE DWGS. E-37, 40, 41 & 43 FOR ADDITIONAL INFORMATION



NOTES

- A 20'-2" PVC CONDUITS IN CONCRETE ENVELOPE ON STATION POWER SUPPLY FEED & ONE W/ FEEDER TO SECTION D-D ON DWG. E-37 PROVIDE END BELLS ON A
- B 3'-2" PVC CONDUITS IN CONCRETE ENVELOPE ON STATION POWER SUPPLY ALLOW 6'-0" OF SLACK FOR PROVIDE END BELLS AT ENTRANCE OF MANHOLE TO DUCT BANK MIN. 5'-0" BELOW T/L.

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

DESIGNED **J.E.B.**
 DRAWN **W.D.**
 CHECKED **E.A.W.**
 APPROVED *[Signature]*

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY
A13-E-16	TIE BREAKER STATION PLAN & ELEVATION	12-76	E.A.W.



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LUIW, CATHAR & COMPANY
 GENERAL ENGINEERING CONSULTANT

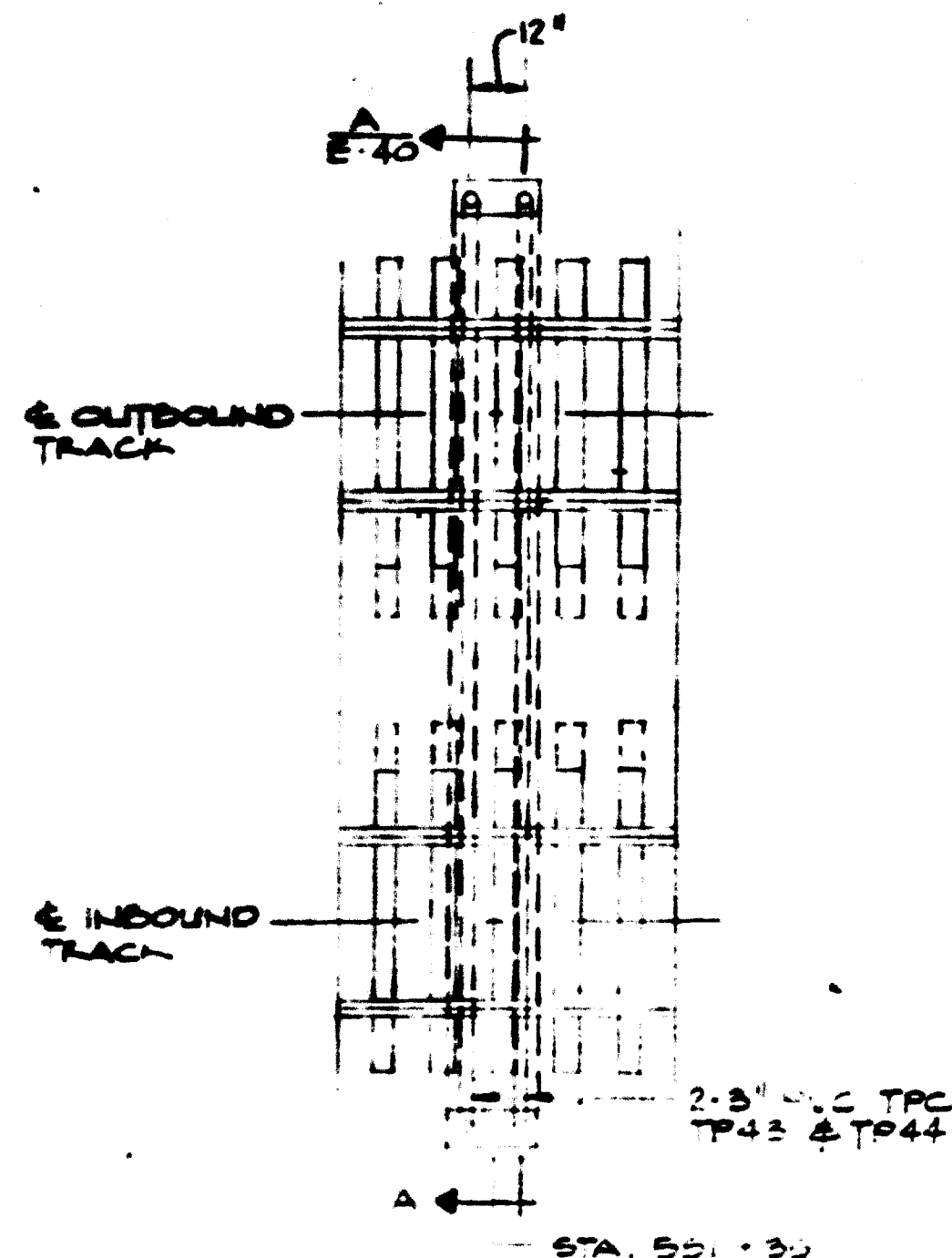
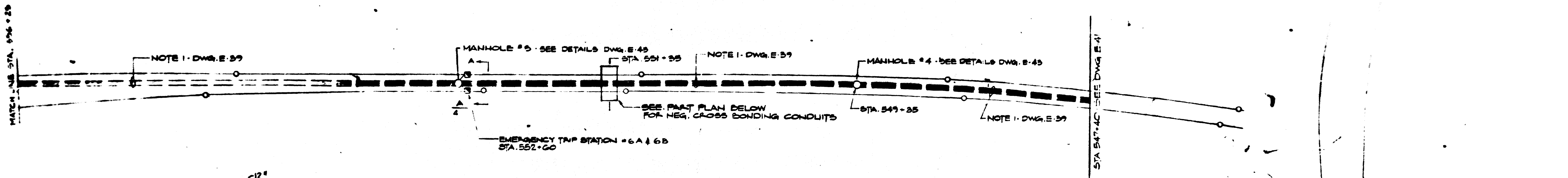
HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

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

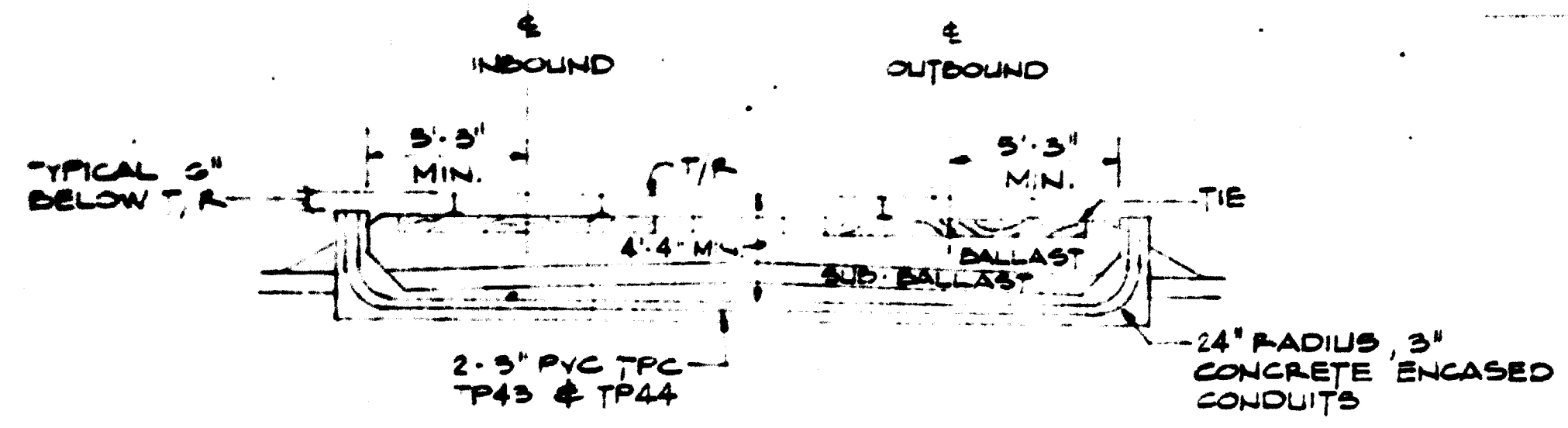
ROCKVILLE ROUTE
 KEY PLAN OF STRUCTURE
 STA. 547+00 TO STA. 536+00 O.B.

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

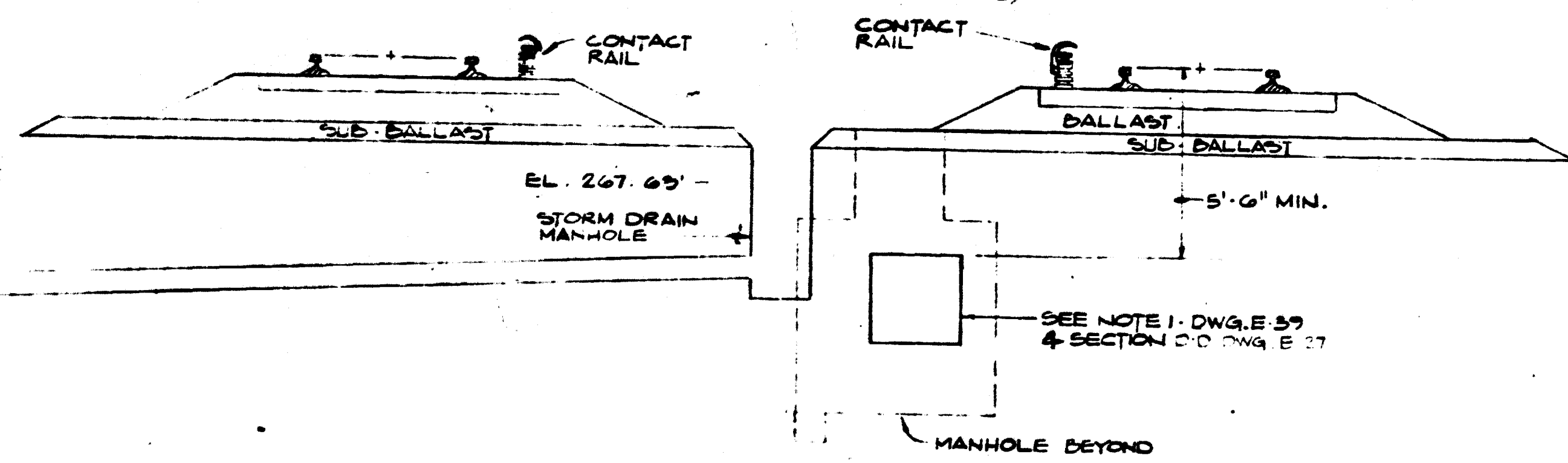
DRAWING NO.
A13-E-41



PART PLAN - NEGATIVE CROSS BONDING CONDUITS
N.T.S.
(THIS DWG.)



SECTION A-A (THIS DWG.)
N.T.S.

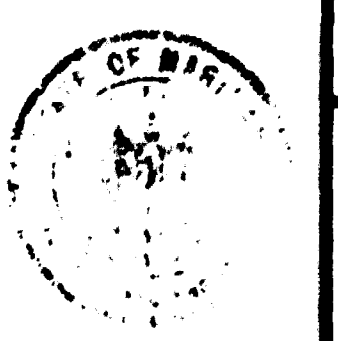


SECTION 2-2 (DWG. E-27)
SCALE 1/4" = 1'-0"

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	DRAWN	CHECKED	APPROVED	REFERENCE DRAWINGS		REVISIONS		
				NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
J.E.B.	W.D.	E.A.W.	[Signature]	1		12-76	E.A.W.	BONDING DETAIL REFERENCE
				2				SELECTED



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]

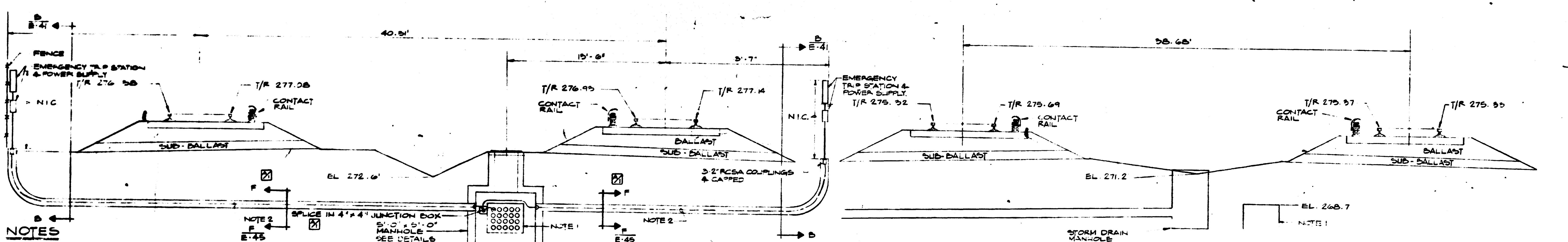
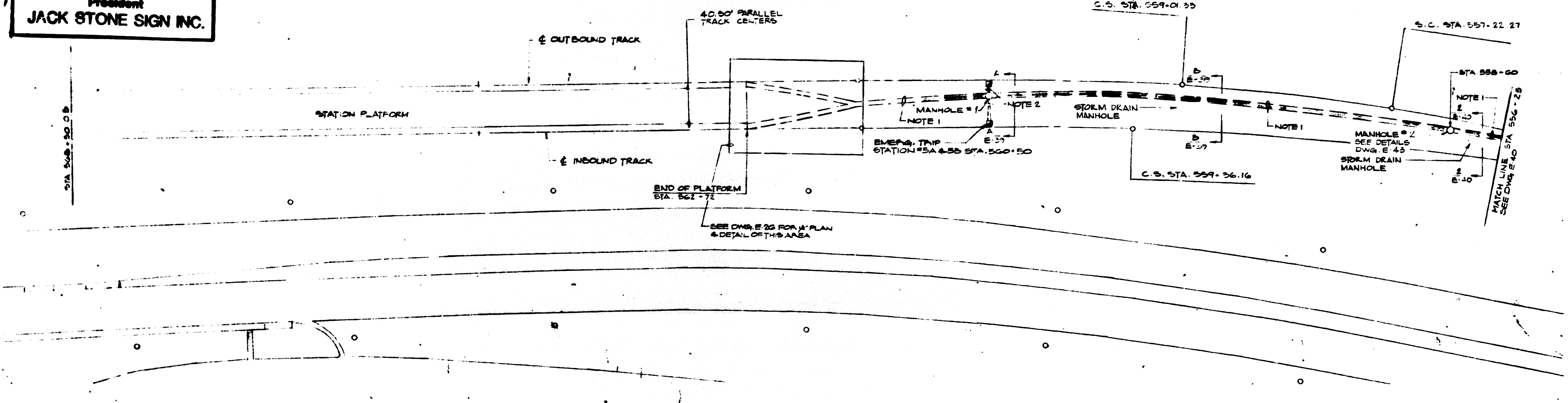
ROCKVILLE ROUTE
KEY PLAN OF STRUCTURE
STA. 556+25 TO STA. 547+00 O.B.

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

DRAWING NO.
A13-E-40

M523-61

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

1. 2" PVC CONDUITS IN CONCRETE ENVELOPE ONE W/ 1/2" #10 G MULTI-CONDUCTOR CABLE (C4) FOR EMERGENCY TRIP STATION POWER SUPPLY FEED & ONE W/ FEEDER TO TIE BUSBAR STATION. ALL OTHERS W/ DRAG WIRE. SEE ALSO SECTION D-D ON DWG. E-27 PROVIDE END BELLS FOR ALL CONDUITS ENTERING OR LEAVING MANHOLE. SLOPE DUCTBANK TO DRAIN INTO MANHOLE WITHOUT ROCKETS. DUCTBANK MIN 5'-6" BELOW T/R.

2. 3-2" PVC CONDUITS IN CONCRETE ENVELOPE ONE WITH 2/C #12 #12 G MULTICONDUCTOR CABLE (C4) FOR EMERGENCY TRIP STATION POWER SUPPLY. ALLOW 6"-0" OF SLACK FOR EACH IN MANHOLE. PROVIDE END BELLS AT ENTRANCE INTO MANHOLE.

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

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
J.E.B.	12/1/83	13-A-5	CROSS SECTIONS 560+50.00 DB	2-7-78	OMIT BONDING DETAIL REFERENCE
T.C.B.W.D.	12/1/83	13-A-7	CROSS SECTIONS 559+00.00 DB		SECTION F-F ADDED - ADDED END
E.A.W.	12/1/83	13-A-6	CROSS SECTIONS 556+50.00 DB		BELL & SLOPE REQUIREMENT TO
					DUCTBANK & CHANGED WIRE TO
					CABLE IN NOTES #2

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

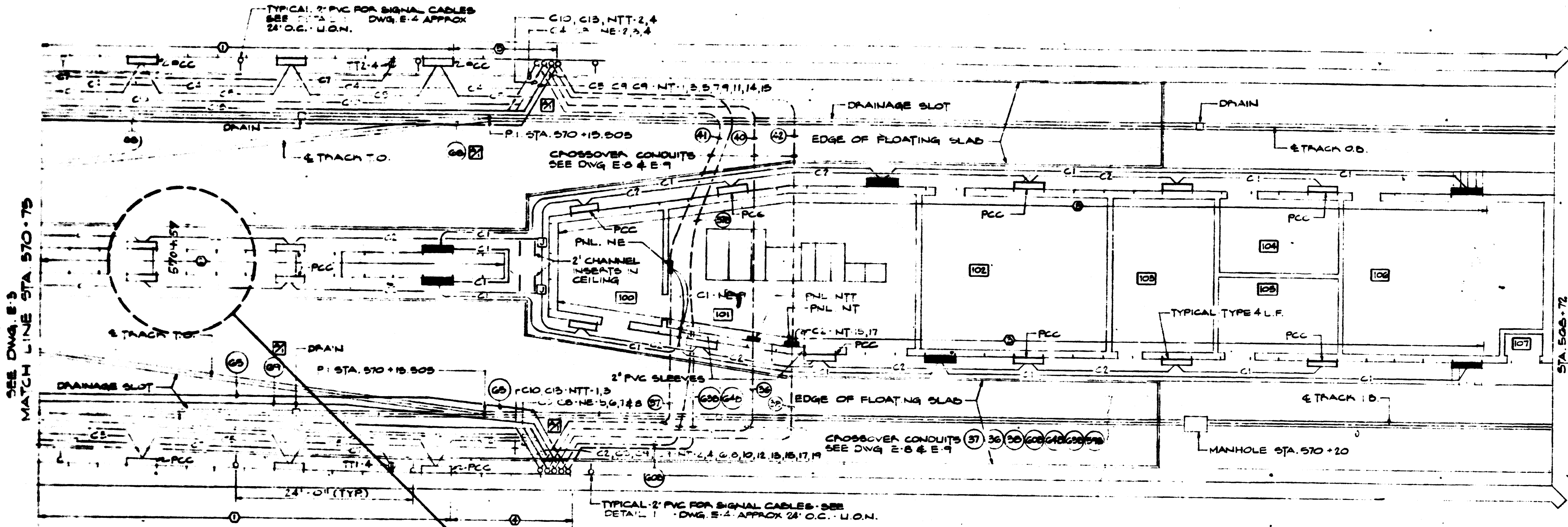
APPROVED *[Signature]*

ROCKVILLE ROUTE
 KEY PLAN OF STRUCTURE
 STA. 568+50 TO 556+25 O.B.

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

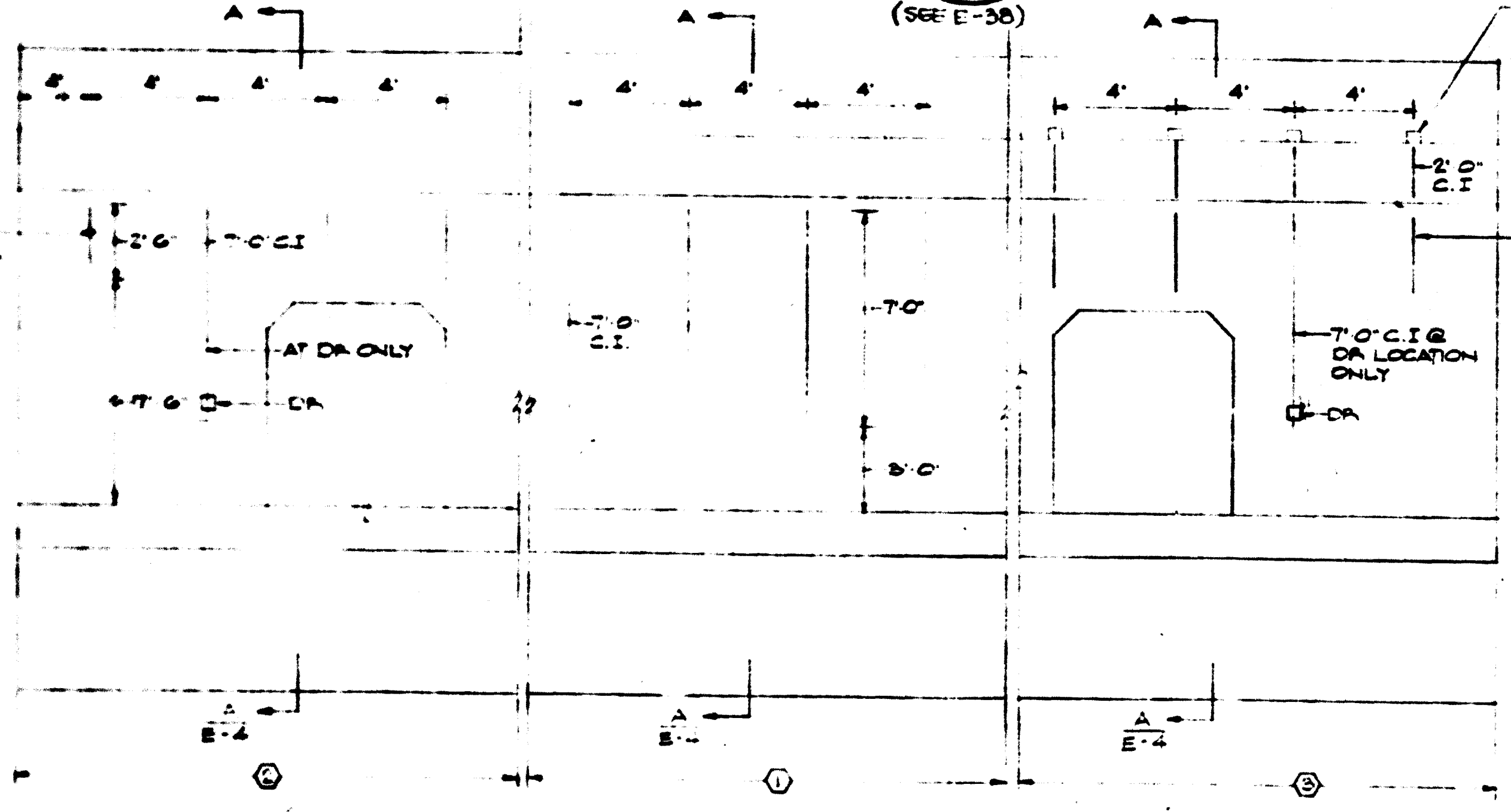
DRAWING NO.
A13-E-39

MS 20-62

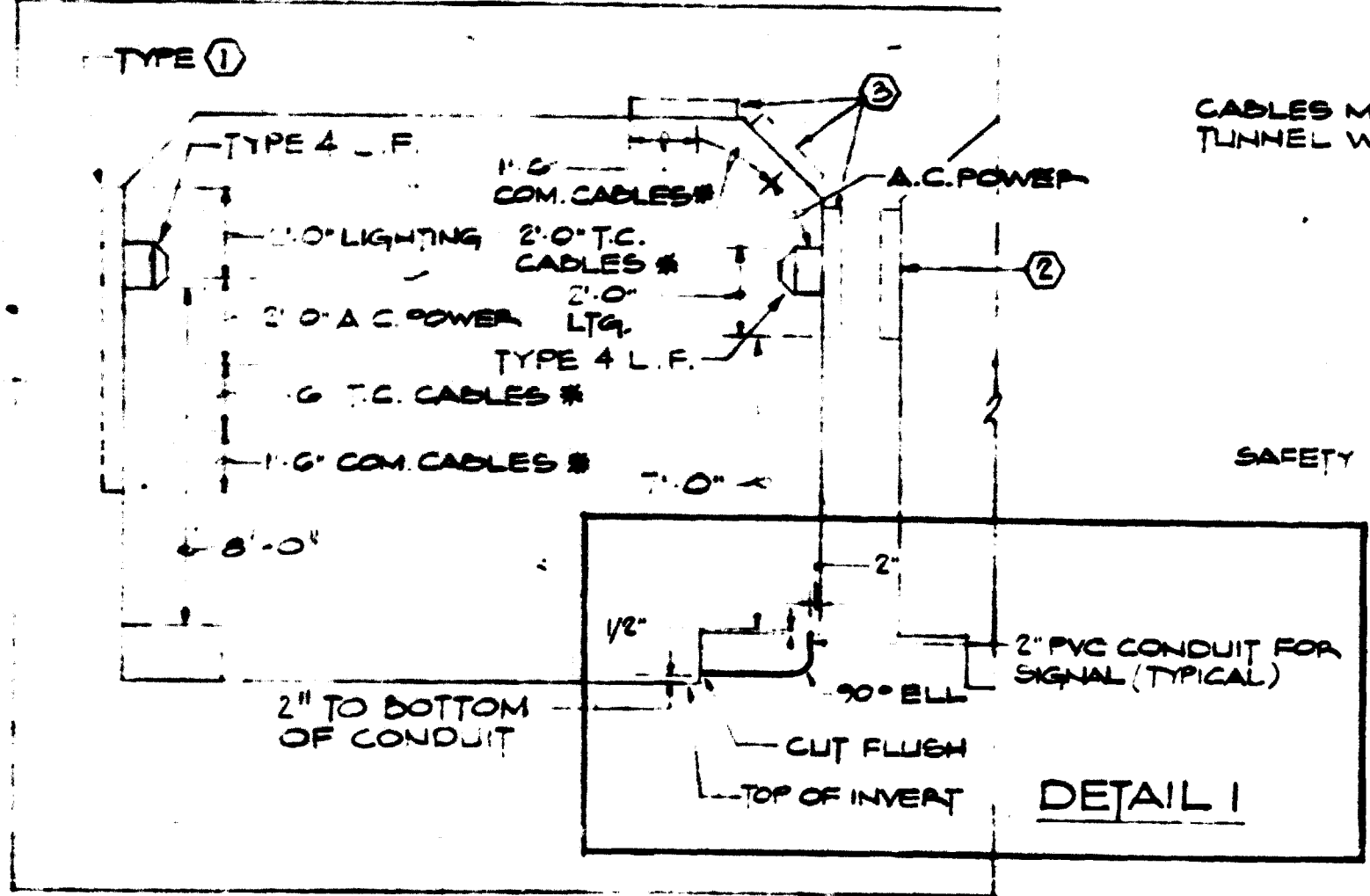


CUT & COVER PLAN - LIGHTING & POWER
 STATION 570+75 TO 568+72
 SCALE: 1/8" = 1'-0"

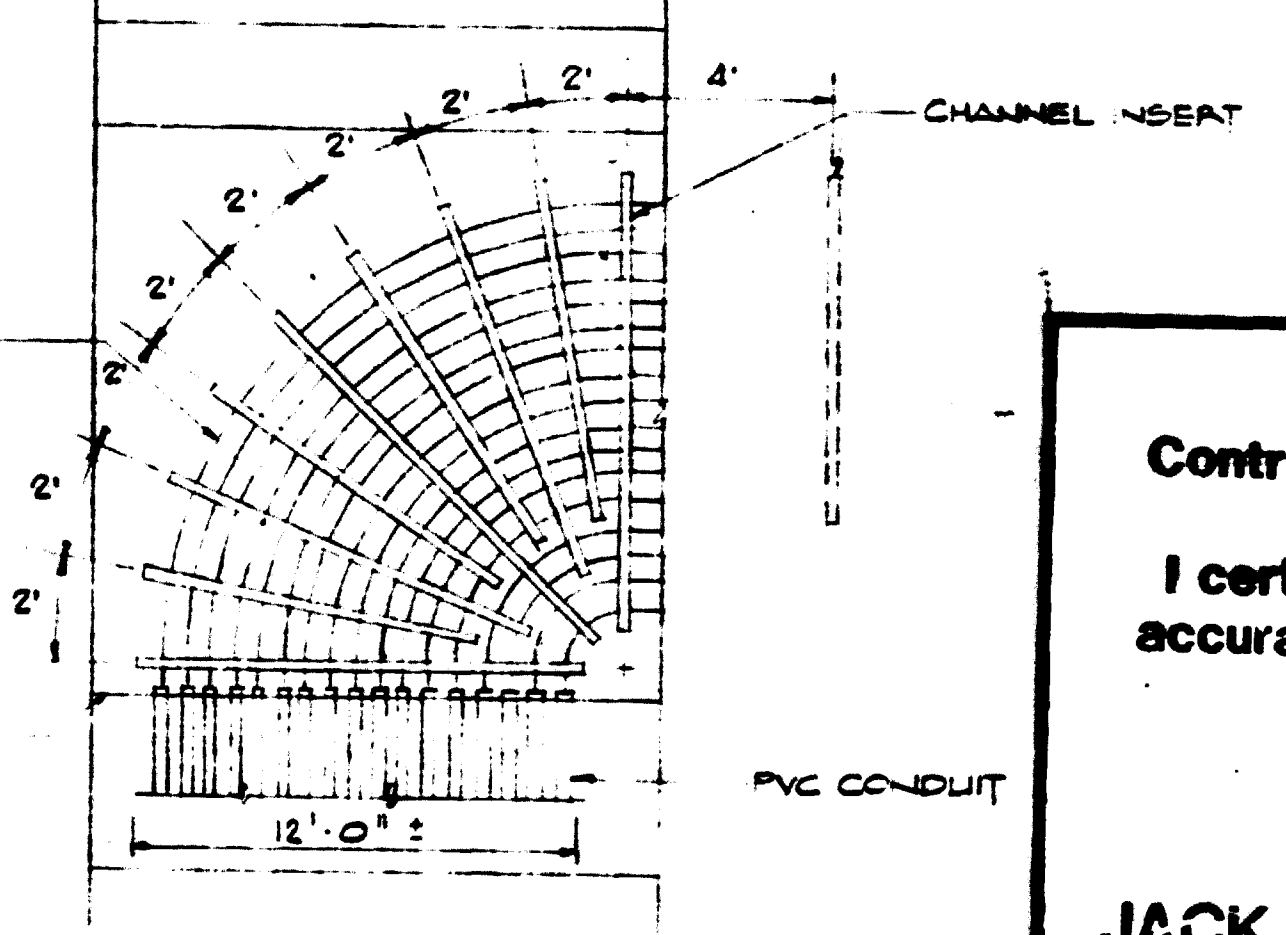
SR15-23
 (SEE E-38)



TYPICAL CHANNEL INSERT LAYOUTS - O - INDICATES TYPE
 SCALE: 1/4" = 1'-0"



SECTION A-A * CABLES N.I.C.
 SCALE: 1/4" = 1'-0"



TYPE 4
TYPE 5 SAME EXCEPT OPPOSITE HAND
 NO SCALE

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.

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

DESIGNED	E.A.W.	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	A.P.E.	E-4	TUNNEL FIXTURES TYPE 4	07/76	E.A.W.	ADDED NOTE & CABLES N.I.C.
CHECKED	E.A.W.	A3-E-50	CONDUIT & CABLE SCHEDULE			ADDED QAD. CABLE REARRANG. ED CROSSOVER CONDUITS
APPROVED	[Signature]					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
 CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHAR & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED _____ APPROVED [Signature]

ROCKVILLE ROUTE
GROSVENOR STATION
 PLAN STA. 570+75 TO 568+72 LIGHT & POWER

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

DRAWING NO. **A13-E-4** M523-67

MATCH LINE STA 575+75 TO SEE DWG. E-2

MATCH LINE STA. 573+25

CUT & COVER PLAN - LIGHTING & POWER
STATION 575+75 TO 575+25
SCALE: 1/8" = 1'-0"

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.

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

MATCH LINE STA 575+25

MATCH LINE STA. 570+75 - SEE DWG. E-4

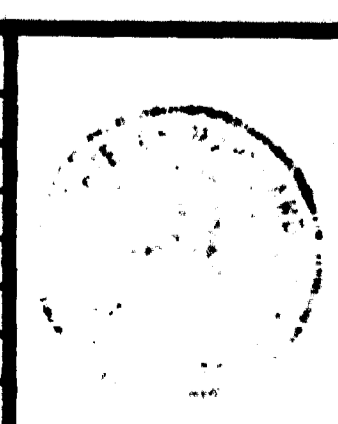
CUT & COVER PLAN - LIGHTING & POWER
STATION 575+25 TO 570+75
SCALE: 1/8" = 1'-0"

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

DESIGNED	E.A.W.	DATE	11/11/82
DRAWN	A.W.	DATE	11/11/82
CHECKED	E.A.W.	DATE	11/11/82
APPROVED	[Signature]	DATE	11/11/82

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION
E-4	TUNNEL EXISTING LINES &
A-3 E-6	CONDUIT & CABLE SCHEDULES

REVISIONS		
DATE	BY	DESCRIPTION
27.7.82	E.A.W.	EMERGENCY LIGHT REVISION AND CROSSOVER CONDUIT CHANGE
		GRD CABLE ADDED
		REVISION PER FIELD W/O AS-BUILT



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SECTION DESIGNER
BUCHART-HORN
CONSULTING ENGINEERS AND PLANNERS

DE LEUW, CATHER & COMPANY
GENERAL ENGINEERING CONSULTANT

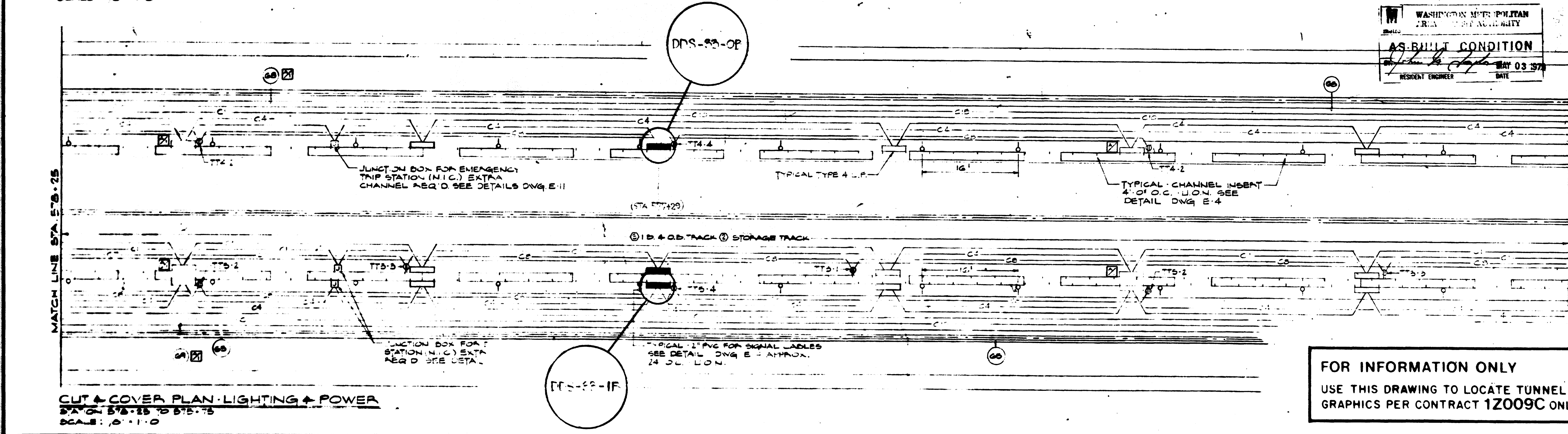
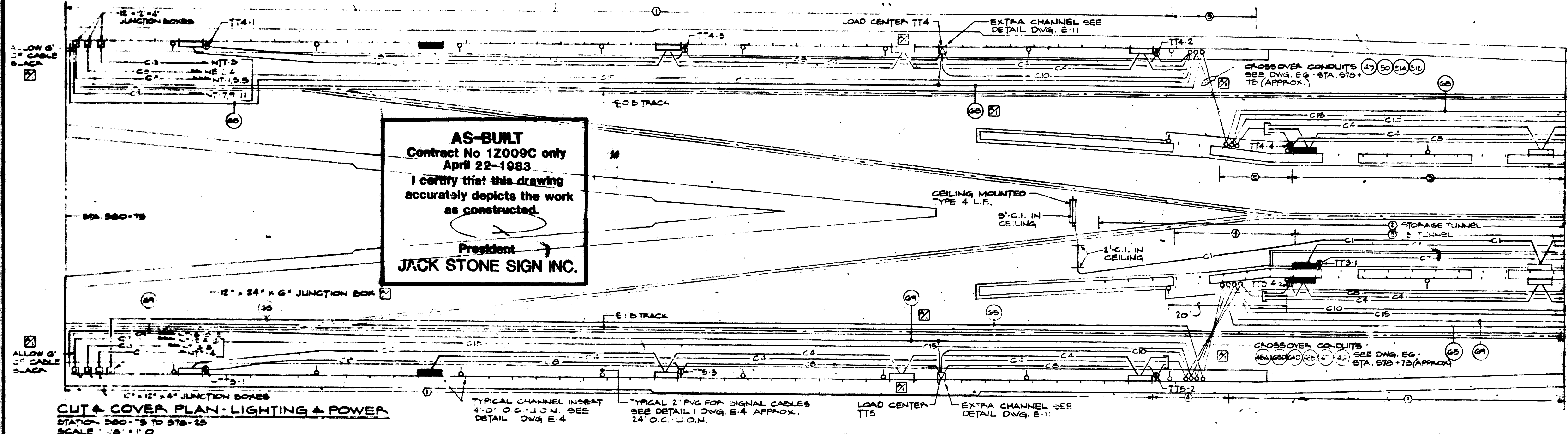
HARRY WEESE & ASSOCIATES
GENERAL ARCHITECTURAL CONSULTANT

SUBMITTED _____ APPROVED [Signature]

ROCKVILLE ROUTE
CUT & COVER STRUCTURE
PLAN STA. 575+75 TO 570+75 LIGHT & POWER

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

DRAWING NO. **A13-E-3**

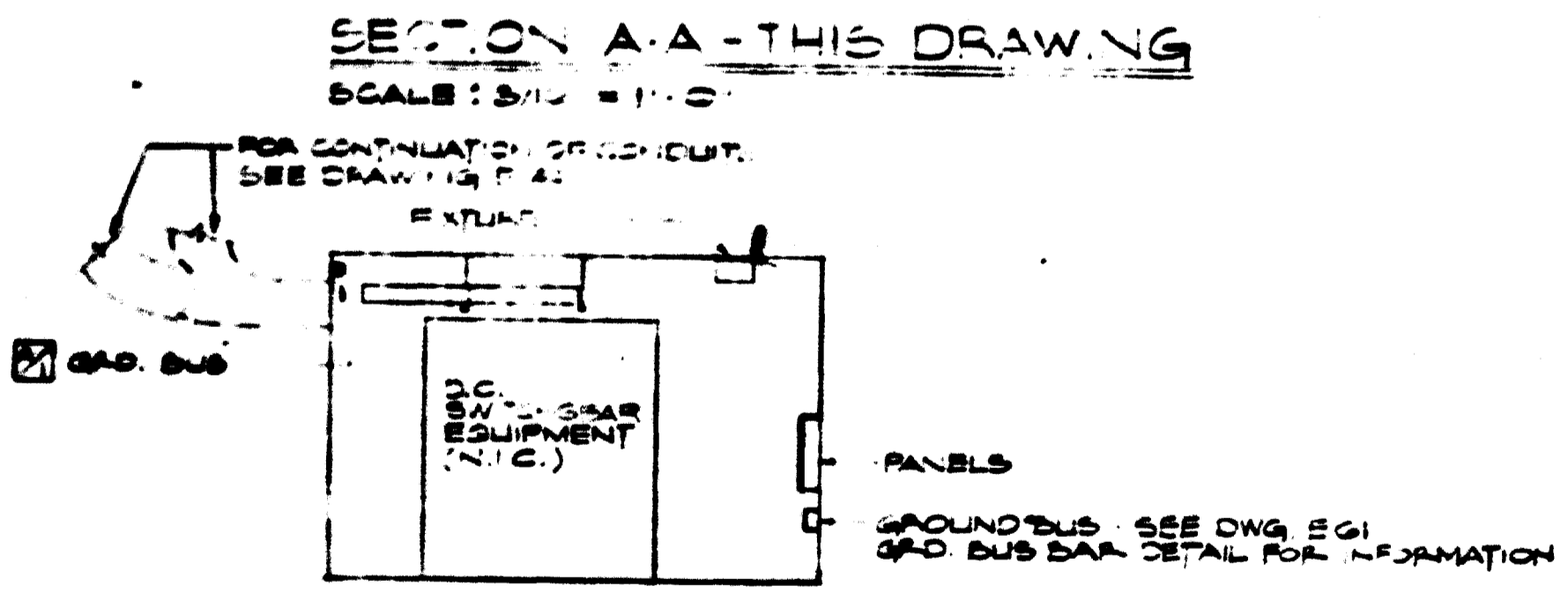
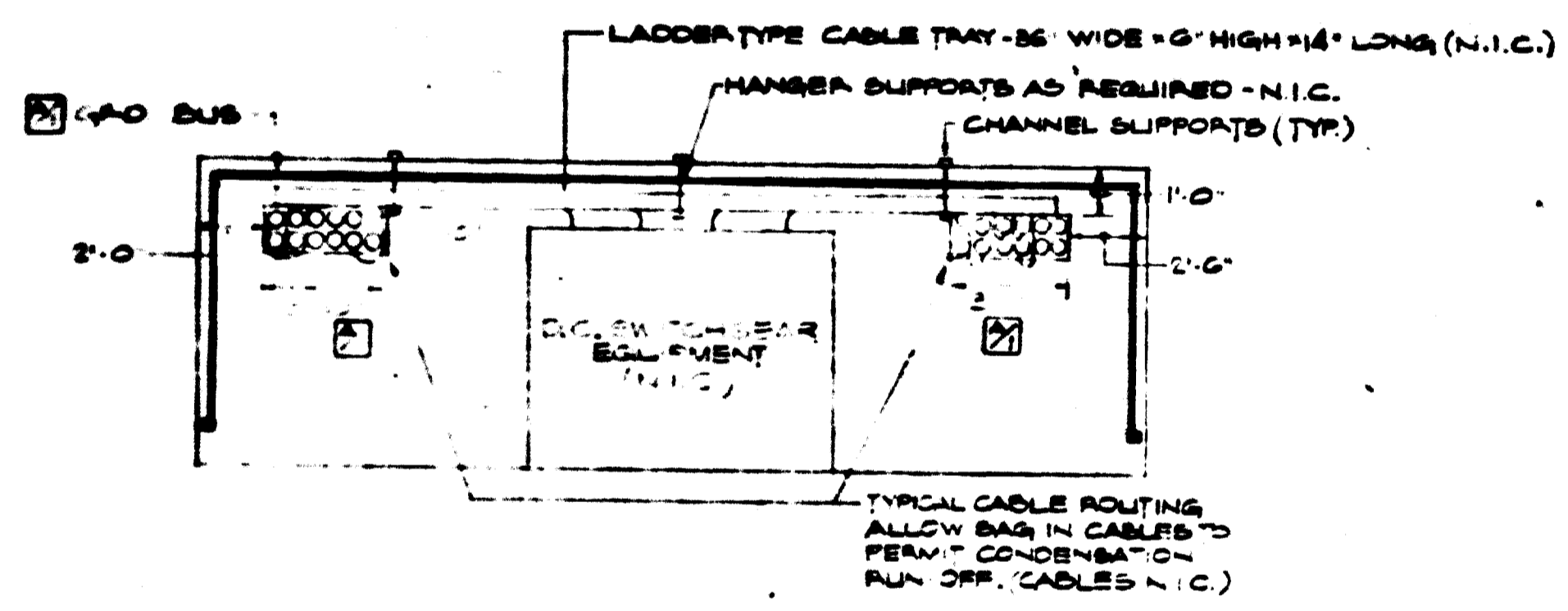
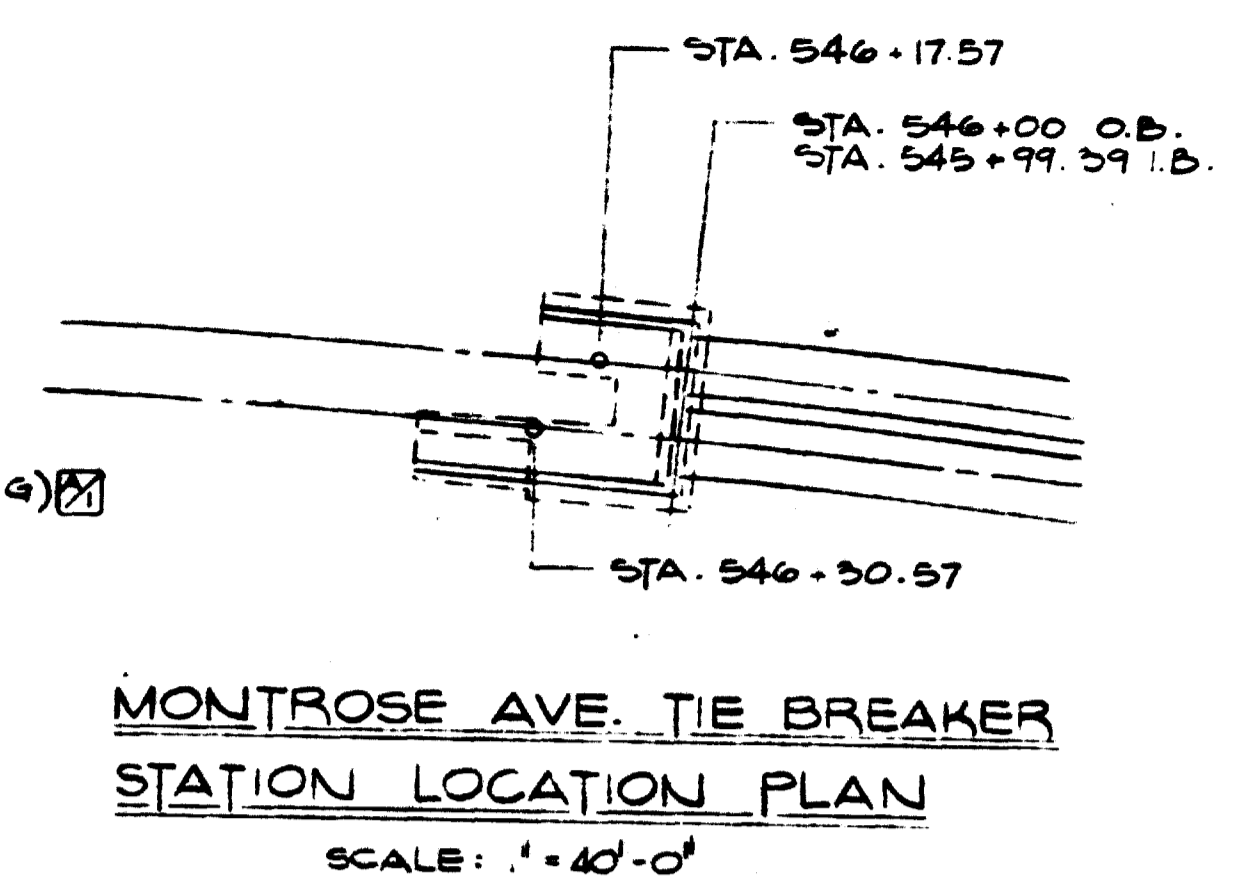
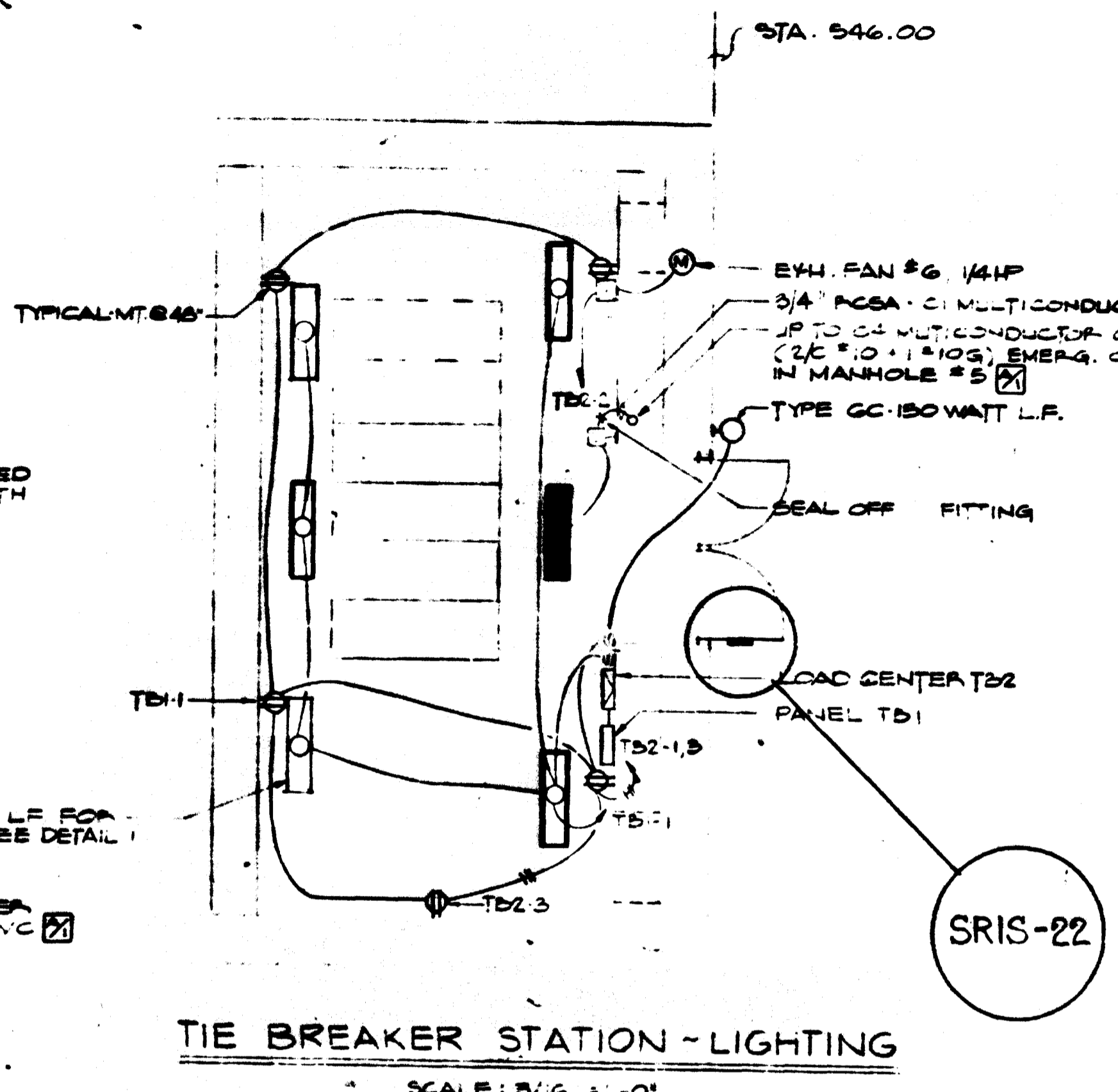
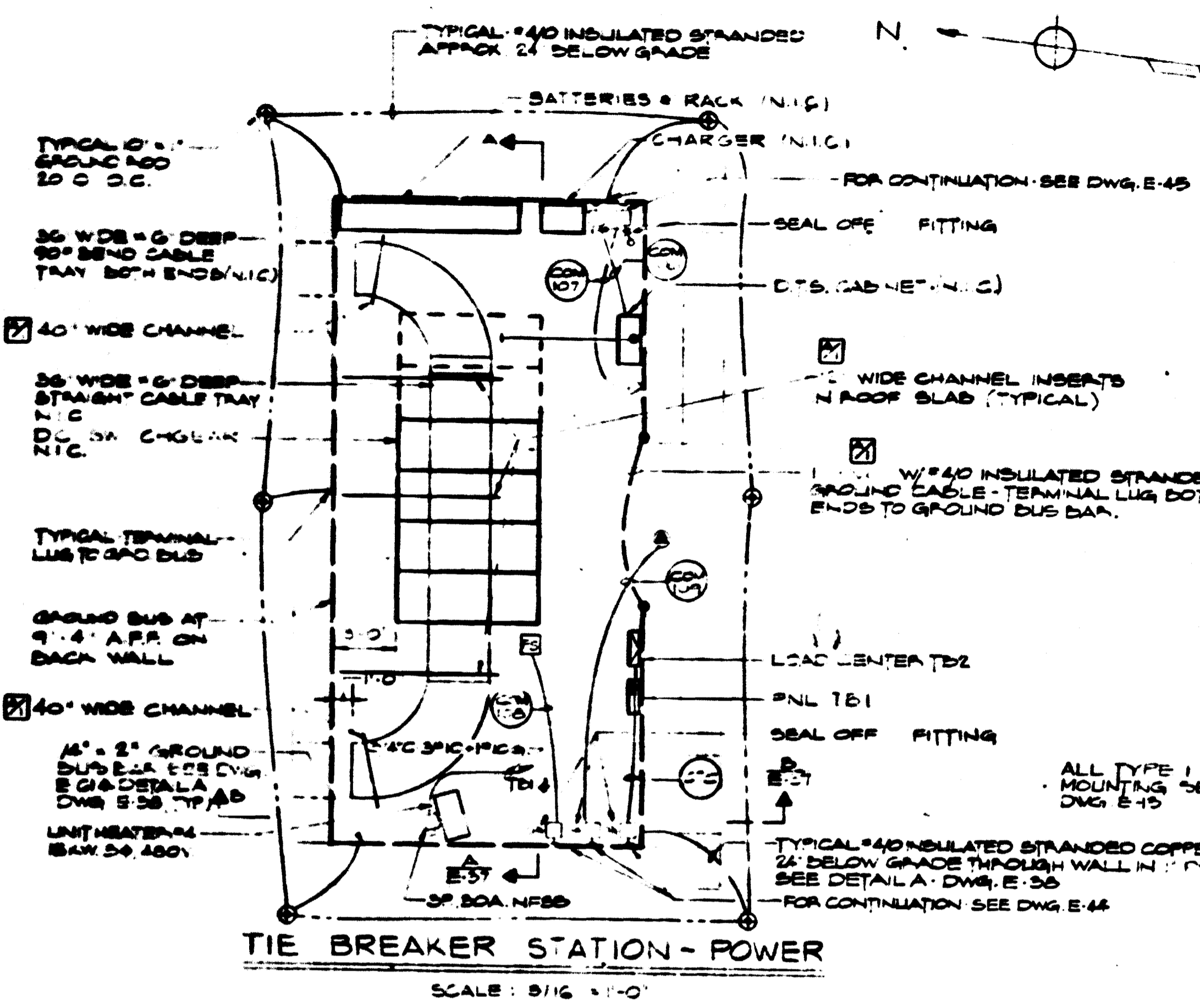


FOR INFORMATION ONLY
 USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY

DESIGNED	REFERENCE DRAWINGS		REVISIONS		DATE	BY	DESCRIPTION	APPROVED
	NUMBER	DESCRIPTION	DATE	DESCRIPTION				
E.A.W.	4	TUNNEL EXPL. LINE TYPES	2-7-76	FAW		PUR. SIZE CHANGE AND EMERG.		
A.W.	5	CONDUIT & CABLE SCHEDULE				LIGHT REVISION CROSSOVER		
F.A.W.						CONDUIT CHANGE GROUND		
						CABLE ADDED		

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

ROCKVILLE ROUTE CUT & COVER STRUCTURE PLAN STA. 580+75 TO 575+75 LIGHT & POWER	SCALE 1/8" = 1'-0"	DRAWING NO. A13-E-2
--	-----------------------	-------------------------------



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

AS-BUILT CONDITION
 DATE: MAY 03 1983
 RESIDENT ENGINEER

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
J.E.B.	11/18/82	3	CONDUIT & CABLE SCHEDULE	27-78	E.A.W.	CHANNEL INSERTS LENGTHENED
WH.R.	11/18/82					GND. BUS REROUTED 2" CHANG-
E.A.W.	11/18/82					ED TO 21-2" & CHANGED TO C4

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

SUBMITTED _____ APPROVED *[Signature]*

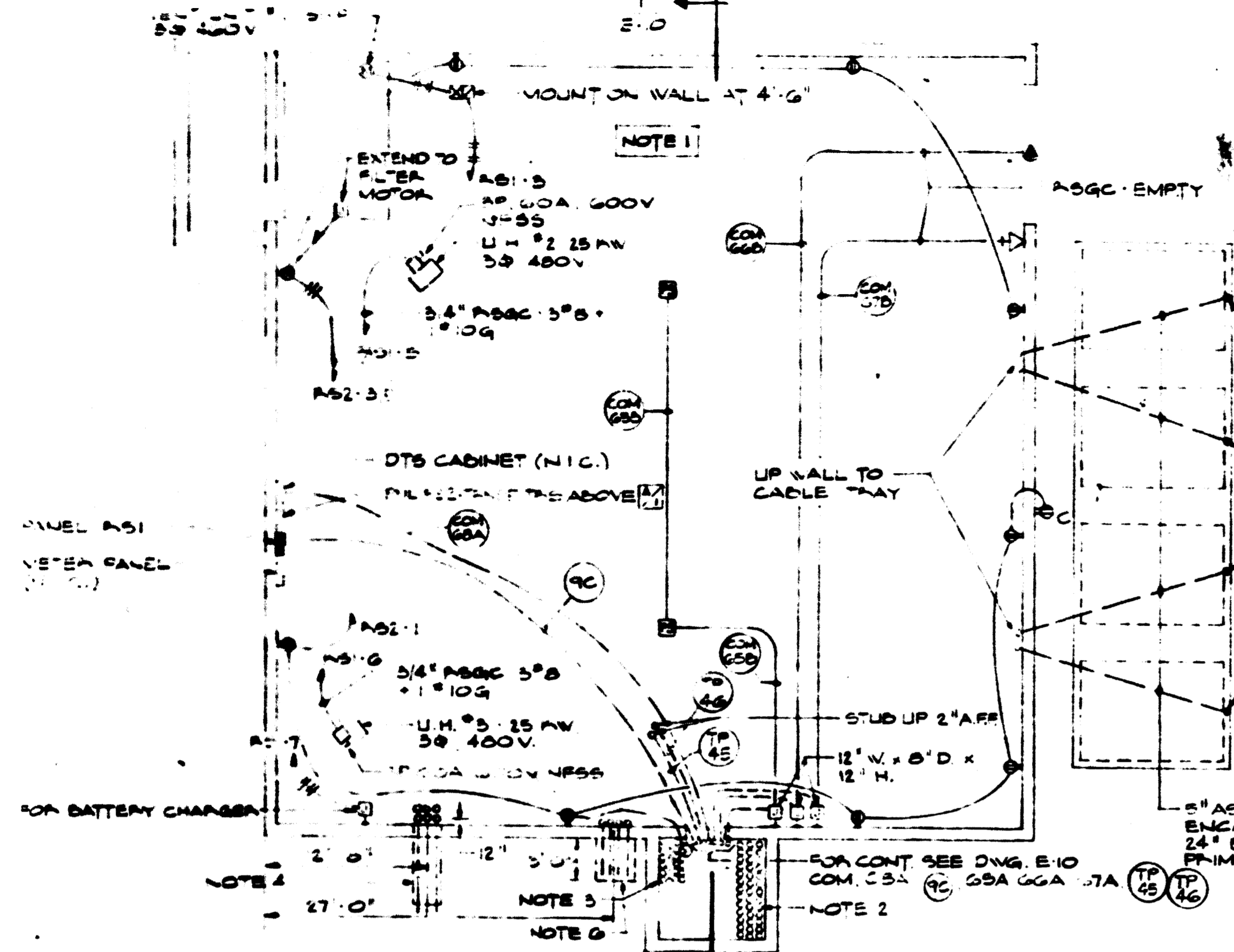
**ROCKVILLE ROUTE
 GROSVENOR STATION
 TIE BREAKER STATION (at 546+10)**

SCALE: 3/16" = 1'-0" AND AS NOTED

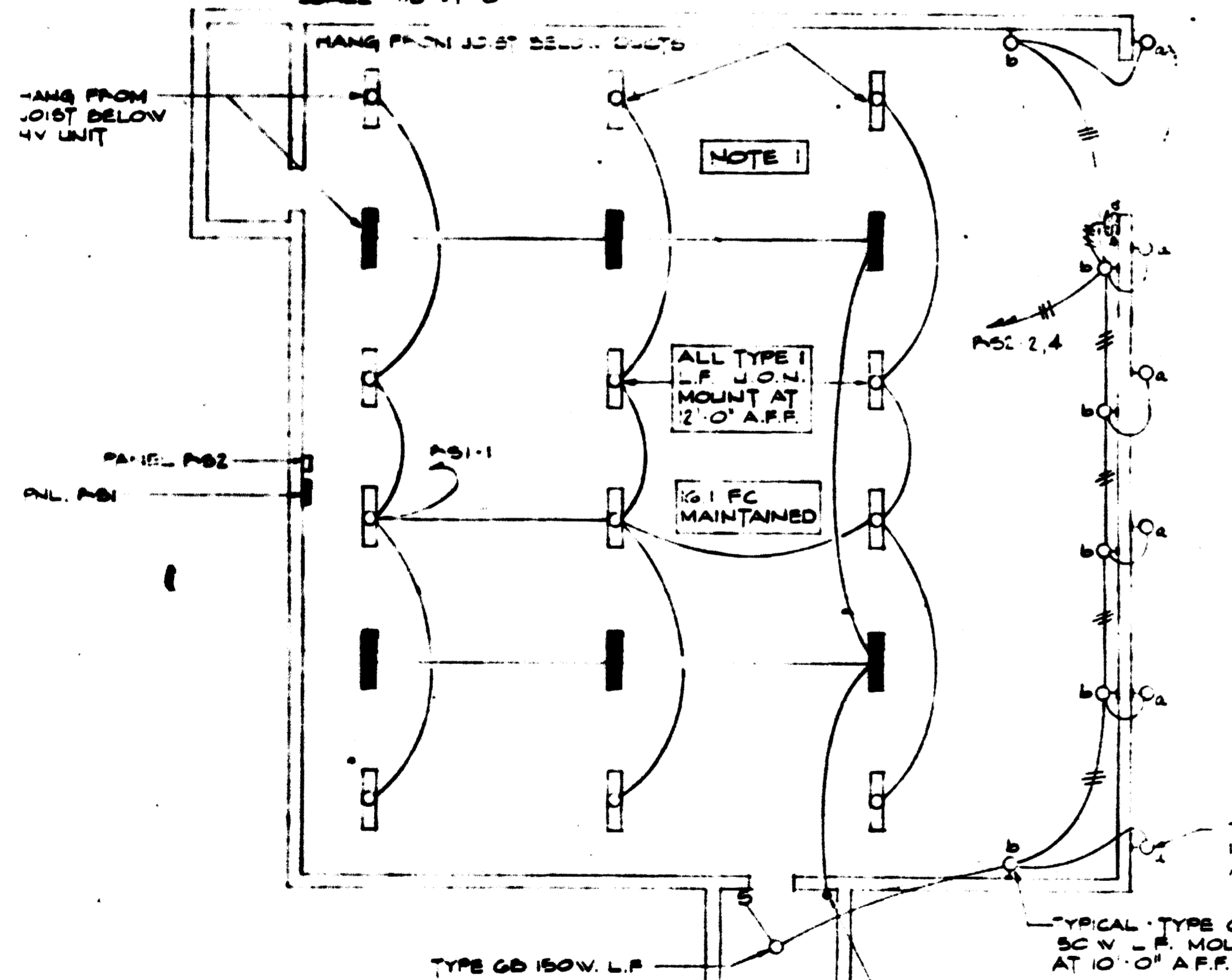
DRAWING NO. **A13-E-37**

M523-66

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.

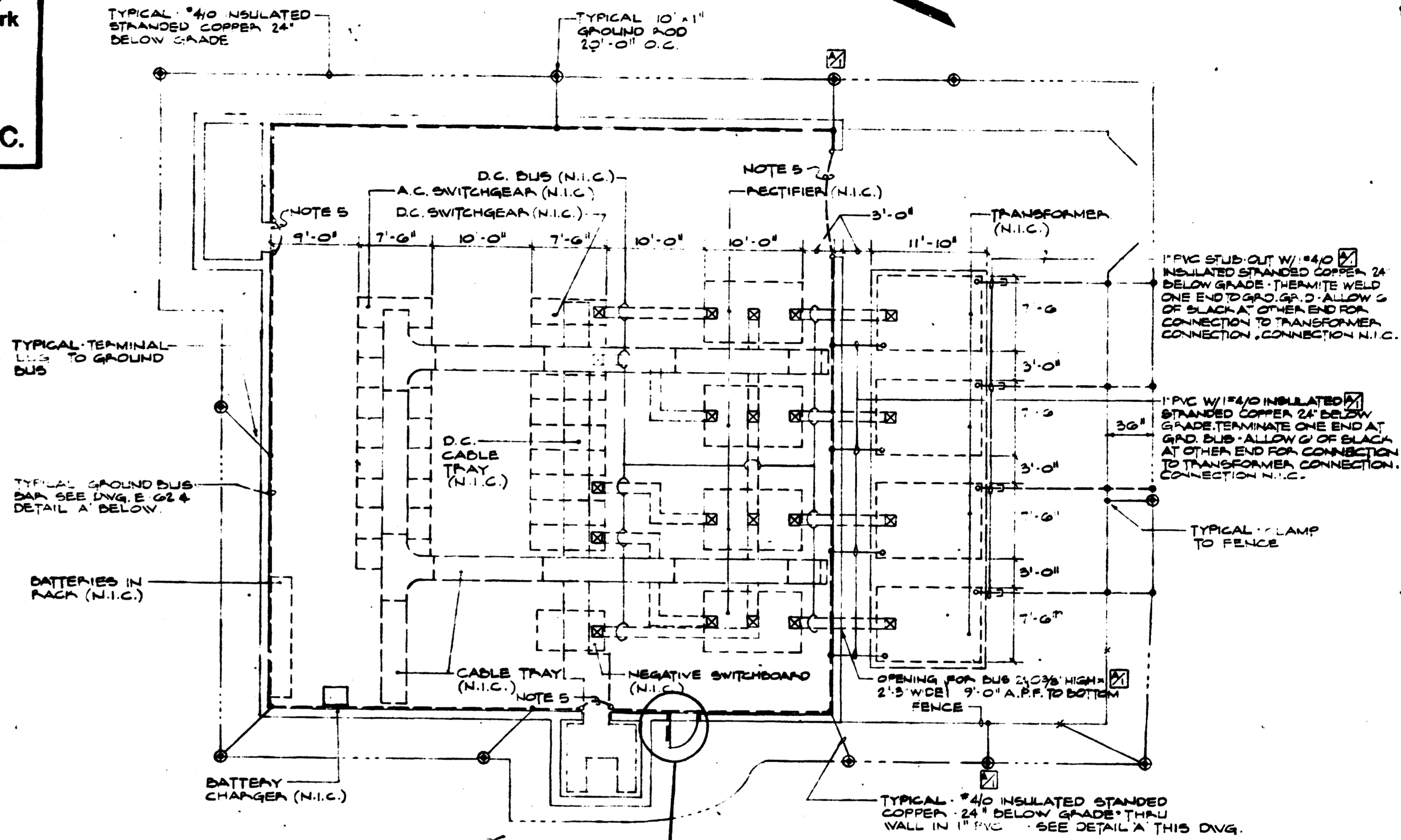


FLOOR PLAN - POWER & RECEPTACLES
 SCALE: 1/8" = 1'-0"

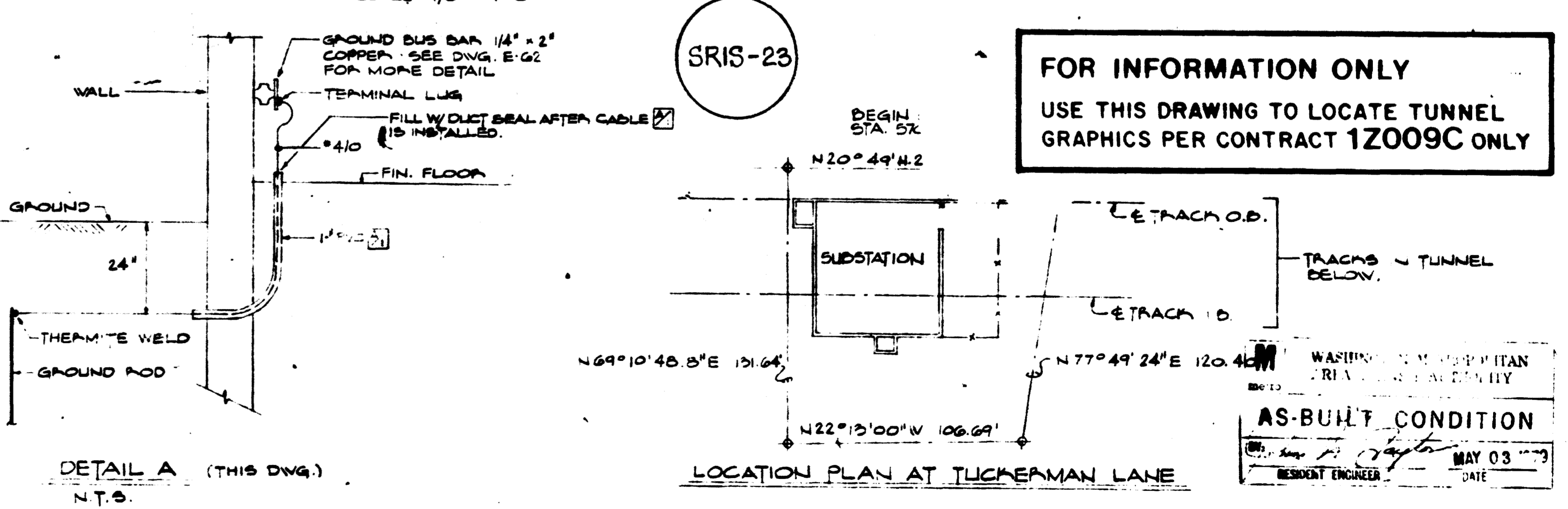


FLOOR PLAN - LIGHTING
 SCALE: 1/8" = 1'-0"

- NOTES - THIS DVG.**
- ALL CONDUITS TO BE RUN EXPOSED UNLESS OTHERWISE NOTED
 - 3/4" PVC SLEEVES 12" LONG THRU FLOOR 4" ABOVE FIN FLOOR SEE ALSO DVG. S-107 SECTION L-L
 - 24" PVC SLEEVES 12" LONG THRU FLOOR 4" ABOVE FIN FLOOR SEE ALSO DVG. S-107 SECTION L-L
 - 6" 5" ASBESTOS CEMENT CONDUITS ENCASED IN 3" CONCRETE ENVELOPE 24" BELOW GRADE FOR TRANSFORMER PRIMARY FEEDER, FEEDER (N.I.C.)
 - 1" PVC WITH #4/0 INSULATED STRANDED GROUND CABLE TERMINAL LUG BOTH ENDS TO GROUND BUS BAR.
 - 4" 3" PVC CONDUITS (TYPE - 50) STUBBED OUT 3'-0" BEYOND BLDG. WALL ENCASED IN 3" CEMENT ENVELOPE 30" BELOW GRADE TURN UP IN BLDG. AT WALL 5" O.C. AND CAP. SEE DVG. S-123 & S-125
 - CLAMP NO. 6 STRANDED COPPER WIRE TO GATE LEAF FRAME AND GATE POST (EACH GATE LEAF) TO INSURE BONDING



FLOOR PLAN - EQUIPMENT & GROUNDING LAYOUTS
 SCALE: 1/8" = 1'-0"



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

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 RESIDENT ENGINEER
 DATE MAY 03 1983

DESIGNED	DRAWN	CHECKED	APPROVED	REFERENCE DRAWINGS		REVISIONS		
				NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
E.A.W.	A.W.	E.A.W.	[Signature]	A-106	SUBSTATION PLAN - H.V.A.C.	11-76	E.A.W.	CHANGED NOTE 4 - ADDED DUCT SEAL TO DETAIL A. ADDED TRANSF. GRDS.
				A-107	SCHEDULES			OMIT GRD. RODS. ADDED PNL AS2
				A-108	CONDUIT & CABLE SCHEDULE			OMITTED LOAD CENTER AS2
				A-109	FLUORESCENT FIXTURES - SERVICE AMP.	11-76	H.S.	ADDED NOTE NO. 7 PER FLOOR

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

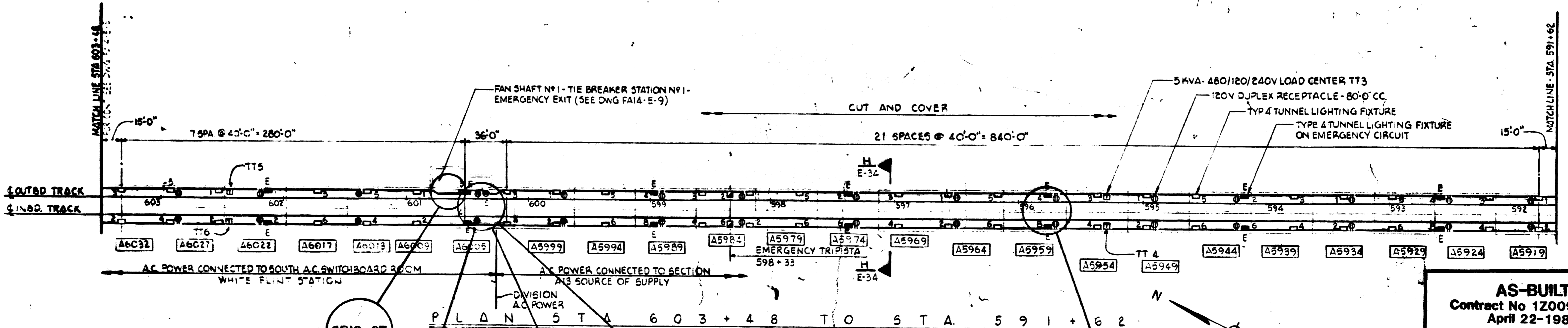
SUBMITTED _____ APPROVED [Signature]

ROCKVILLE ROUTE
GROSVENOR STATION
 TRACTION POWER SUBSTATION (at 57049)

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

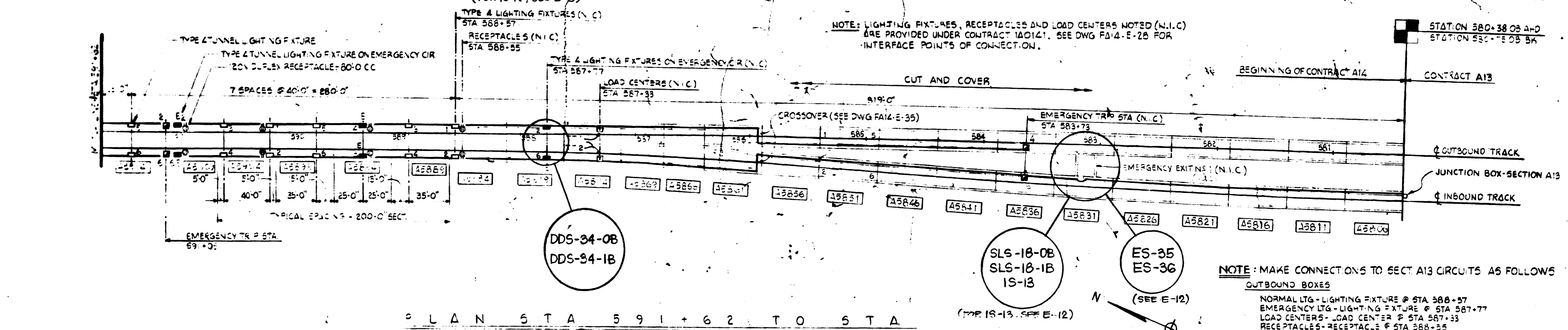
DRAWING NO. **A13-E-38**

DATE: 11-21-83



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.

NOTE: LIGHTING FIXTURES, RECEPTACLES AND LOAD CENTERS NOTED (N.I.C.) ARE PROVIDED UNDER CONTRACT 1A0141. SEE DWG FA14-E-2B FOR INTERFACE POINTS OF CONNECTION.



NOTE: MAKE CONNECTIONS TO SECT. A13 CIRCUITS AS FOLLOWS
OUTBOUND BOXES
 NORMAL LTG - LIGHTING FIXTURE @ STA 588+57
 EMERGENCY LTG - LIGHTING FIXTURE @ STA 587+77
 LOAD CENTERS - LOAD CENTER @ STA 587+33
 RECEPTACLES - RECEPTACLE @ STA 588+55
 GROUND - GROUND CONDUCTOR @ STA 587+33
INBOUND BOXES
 NORMAL LTG - LIGHTING FIXTURE @ STA 585+27
 EMERGENCY LTG - LIGHTING FIXTURE @ STA 587+77
 LOAD CENTERS - LOAD CENTER @ STA 587+33
 RECEPTACLES - RECEPTACLE @ STA 588+55
 FAN SHAFT TIE - JUNCTION BOX @ A13/A14 INTERFACE
 GROUND - GROUND CONDUCTOR @ STA 587+33

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

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
---	9/22/77	FA14-E-1	FAN SHAFT TIE BREAKER STATION N#1		
---	9/22/77	FA14-E-2	SCHEMATIC DIAGRAM BOX SECTIONS 5		
---	9/22/77	FA14-E-3	LOAD CENTER 5C-BUNDLE		
---	9/22/77	FA14-E-4	ELECTRICAL DETAILS SHEET N#1		
---	9/22/77	FA14-E-5	ELECTRICAL DETAILS SHEET N#2		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

BAKER - WIBBERLEY & ASSOCIATES, INC.
 CONSULTING ENGINEERS

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

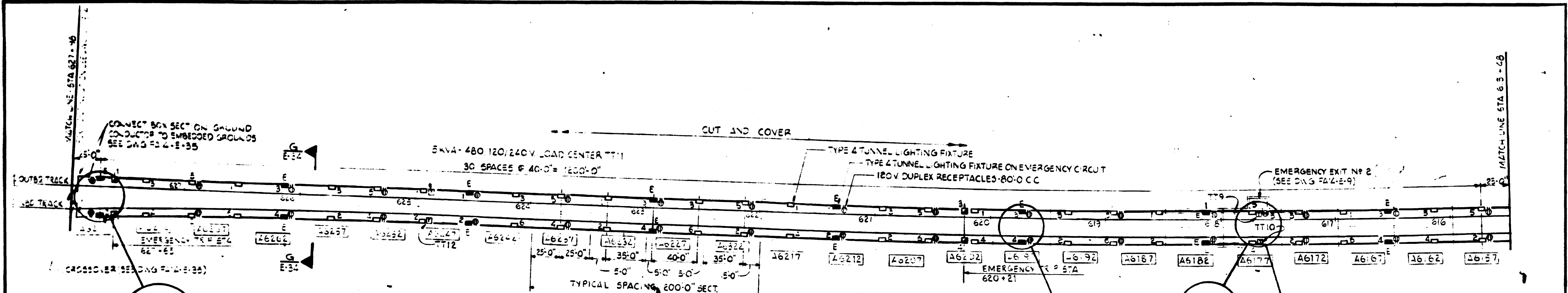
SULTON - CAMPBELL & ASSOC ARCHITECTS
 McNEILL & BALDWIN, INC. MECHANICAL - ELECTRICAL ENGINEERS

APPROVED: *[Signature]*

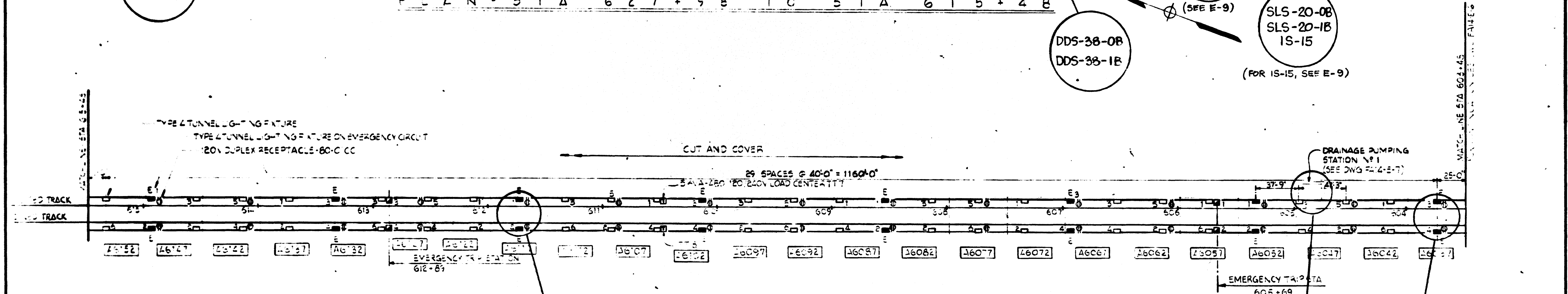
ROCKVILLE ROUTE
 LIGHTING - BOX SECTION
 STATION 603+48 TO 580+38

SCALE: 1"=40'-0" 0 20 40

DRAWING NO. FA14-E-6 M325-68



PLAN - STA 627+98 TO STA 615+48



PLAN - STA 615+48 TO STA 603+48

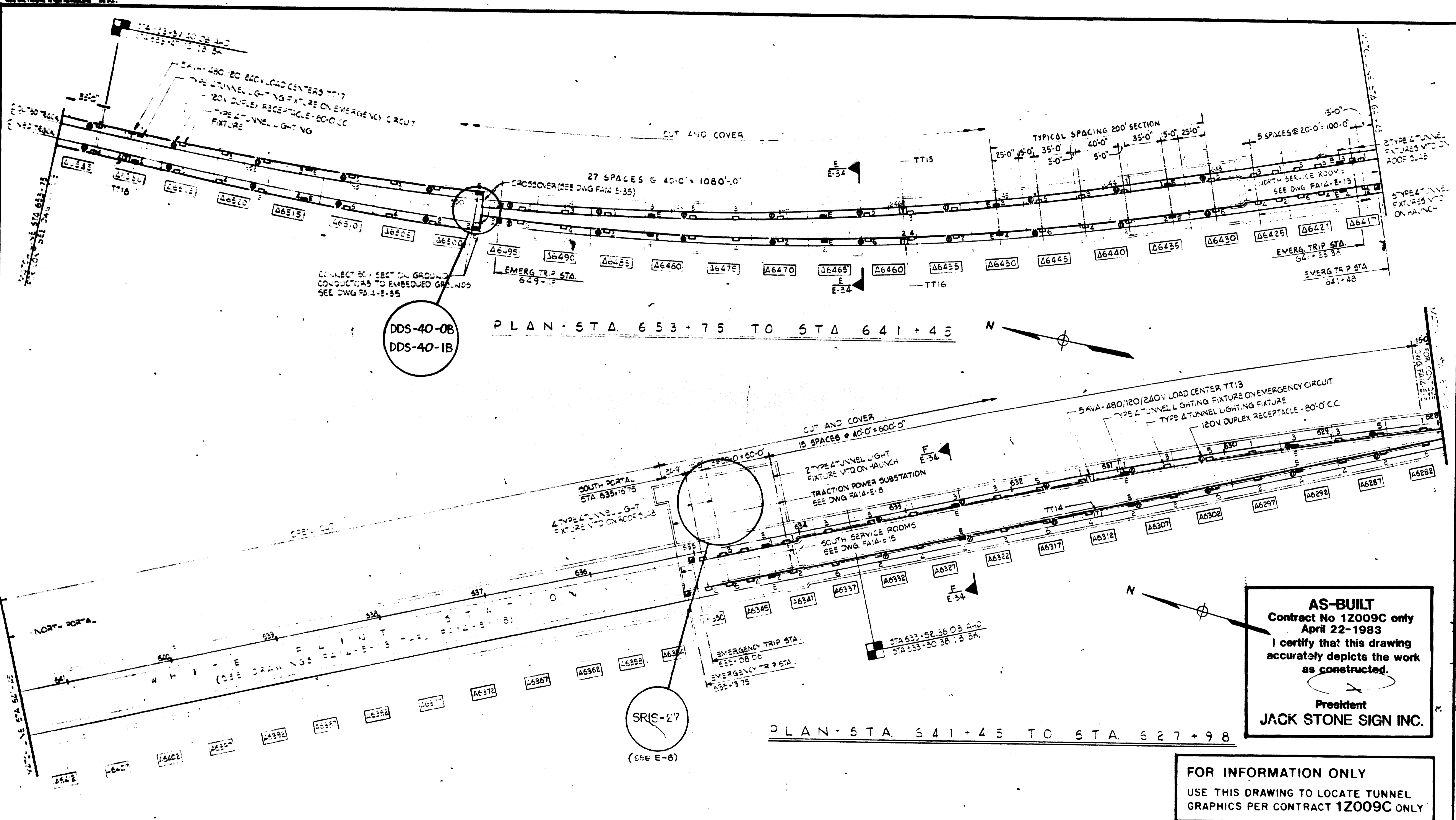
AS-BUILT
 Contract No 1Z009C only
 April 22-1983
 I certify that this drawing
 accurately depicts the work
 as constructed.
 President
JACK STONE SIGN INC.

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

DESIGNED		DATE		DRAWN		DATE		CHECKED		DATE		APPROVED		DATE	

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
1-1	DRAINAGE PUMPING STATION #1			
1-2	EMERGENCY TRIP STATION			
1-3	EMERGENCY TRIP STATION			
1-4	EMERGENCY TRIP STATION			
1-5	EMERGENCY TRIP STATION			
1-6	EMERGENCY TRIP STATION			
1-7	EMERGENCY TRIP STATION			
1-8	EMERGENCY TRIP STATION			
1-9	EMERGENCY TRIP STATION			
1-10	EMERGENCY TRIP STATION			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		ROCKVILLE ROUTE	
BAKER - WIBBERLEY & ASSOCIATES INC CONSULTING ENGINEERS		LIGHTING - BOX SECTION STATION 627+98 TO 603+48	
SULTON - CAMPBELL & ASSOC ARCHITECTS MECHANICAL ELECTRICAL ENGINEERS		DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT	
SUBMITTED: <i>[Signature]</i>		HARRY WEESE & ASSOCIATES, GENERAL ARCHITECTURAL CONSULTANT	
APPROVED: <i>[Signature]</i>		SCALE 1"=40'-0" 0 20 40	
		DRAWING NO. FA14-E-5	
		M523-69	



DDS-40-0B
DDS-40-1B

SRIS-27
(SEE E-8)

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.

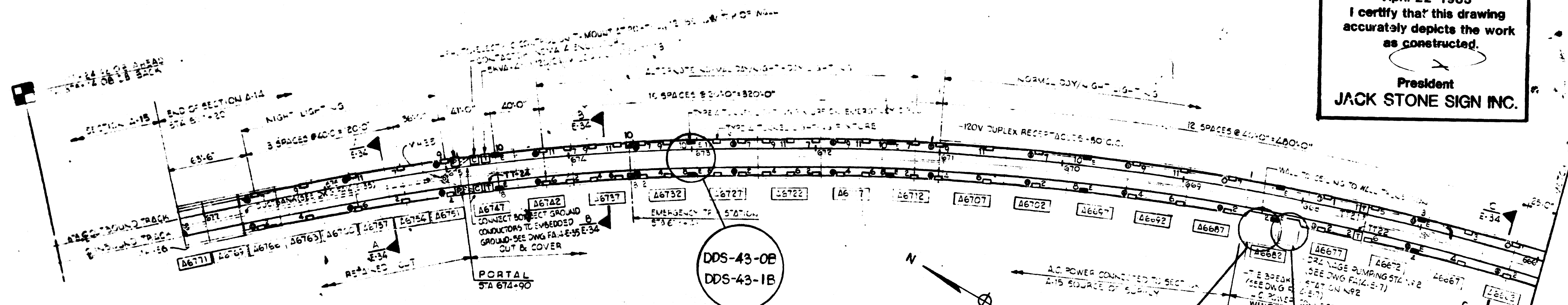
FOR INFORMATION ONLY
USE THIS DRAWING TO LOCATE TUNNEL
GRAPHICS PER CONTRACT 1Z009C ONLY

DESIGNED	DATE	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DESIGNED	DATE	1	TRACTION POWER SUBSTATION			
DRAWN	DATE	2	EMERGENCY TRIP STATION			
CHECKED	DATE	3	EMERGENCY TRIP STATION			
APPROVED	DATE	4	EMERGENCY TRIP STATION			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		ROCKVILLE ROUTE LIGHTING - BOX SECTION STATION 653+75 TO 627+98	
BAKER WIDBERLEY & ASSOCIATES, INC. CONSULTING ENGINEERS	DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT	M. NEILL & BALDWIN, INC. MECHANICAL - ELECTRICAL ENGINEERS	HARRY WEESE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT
SULTON - CAMPBELL & ASSOC. ARCHITECTS			
SUBMITTED: <i>Robert E. ...</i>	APPROVED: <i>...</i>		

SCALE 1"=40'-0"	DRAWING NO. FA14-E-4	MS22-170
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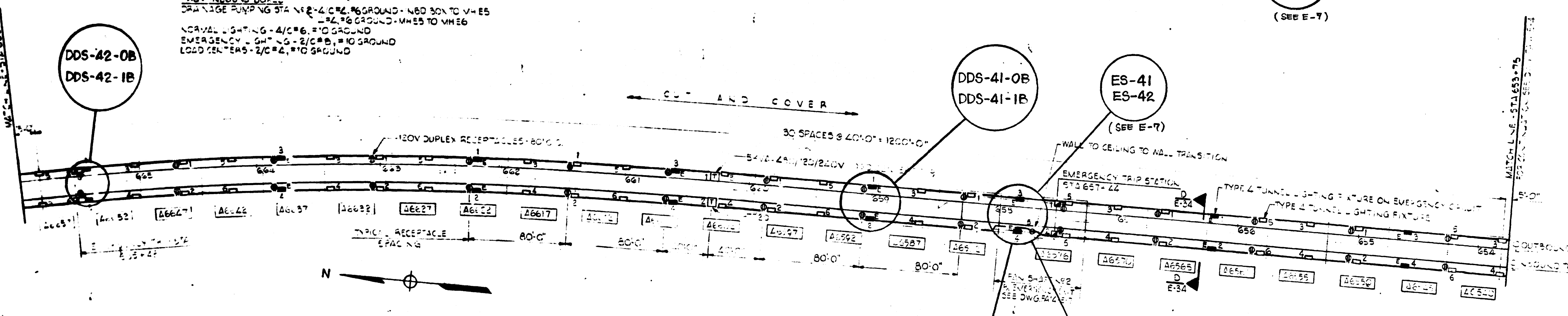
AS-BUILT
 Contract No 1Z009C only
 April 22-1983
 I certify that this drawing
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 as constructed.
 President
JACK STONE SIGN INC.



NOTE: EXTEND CIRCUITS TO A14-A15 INTERFACE (MAN-HOLE E6)
 FOR CONNECTION BY CONTRACTORS AS FOLLOWS:

- FROM OUTBOUND BOXES**
 NORMAL LIGHTING - 2/C @ #10 GROUND
 EMERGENCY - 3/C @ #2/C @ #8, #10 GROUND
 LOAD CENTERS - 2/C @ #4, #10 GROUND
- FROM INBOUND BOXES**
 DRAINAGE PUMPING STA N#2 - 4/C @ #2, #6 GROUND - N#0 BOX TO V#E5
 = 2, #6 GROUND - M#E5 TO M#E6
 NORMAL LIGHTING - 4/C @ #6, #10 GROUND
 EMERGENCY - 3/C @ #2/C @ #8, #10 GROUND
 LOAD CENTERS - 2/C @ #4, #10 GROUND

PLAN - STA 678+24 TO STA 665+95



PLAN - STA 665+95 TO STA 653+75

COMPONENT QUANTITIES				
DRAWING	NO. OF COMPONENTS	NO. OF SPACES	REMARKS	EMERGENCY TRIP STATION
FA14-E-3	132	6	58	0
FA14-E-4	36	6	42	0
FA14-E-5	22	6	62	0
FA14-E-6	1	4	35	1

NOTES:
 1 - SEE DWG FA14-E-30 FOR PRIMARY CONNECTION OF LOAD

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

DESIGNED	DATE
DRAWN	DATE
CHECKED	DATE
APPROVED	DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION
FA14-E-3	FA14-E-3
FA14-E-4	FA14-E-4
FA14-E-5	FA14-E-5
FA14-E-6	FA14-E-6

REVISIONS		
DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

BAKER - WIBBERLEY & ASSOCIATES, INC.
 CONSULTING ENGINEERS

DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT

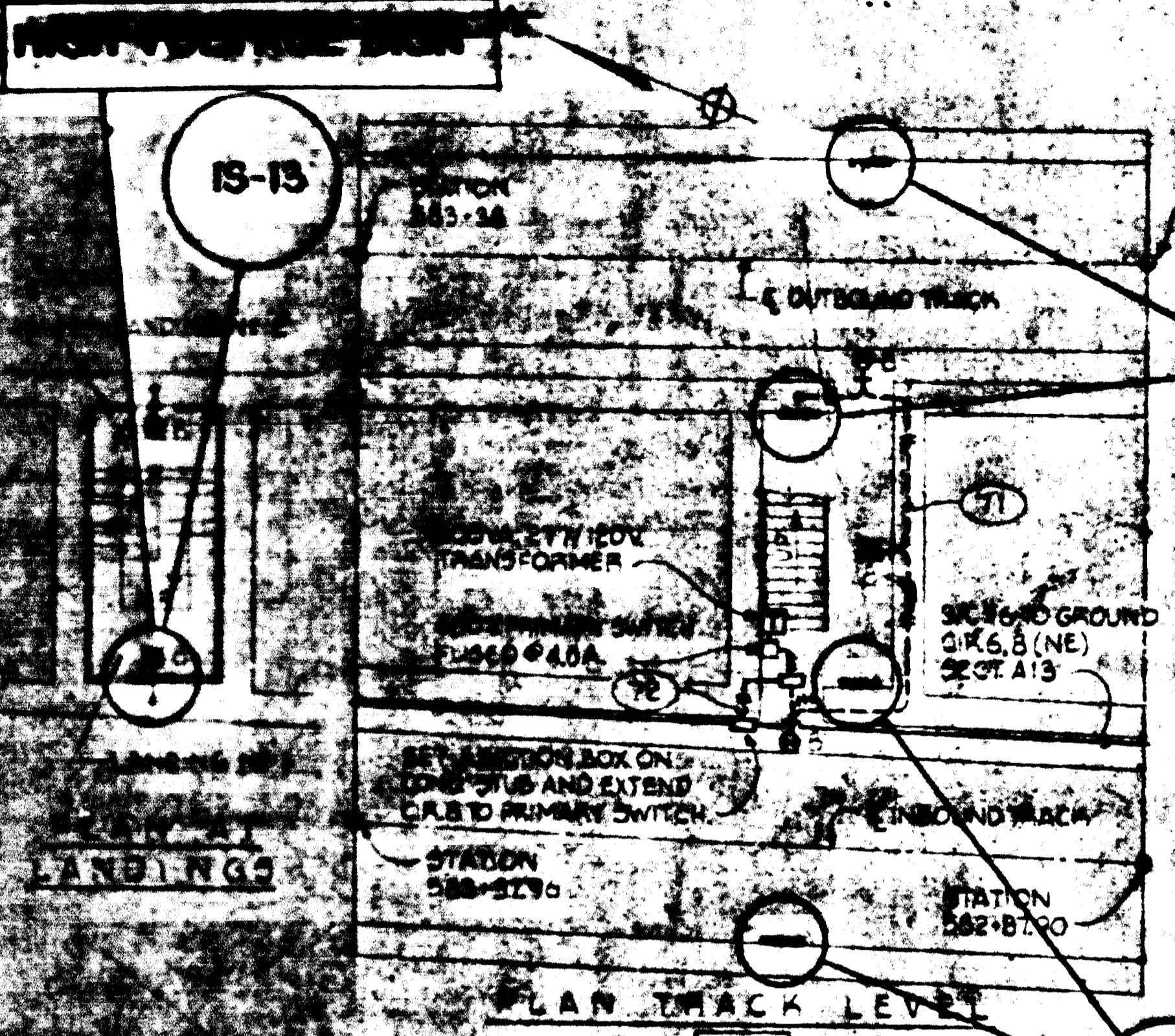
HARRY WEESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANT

SULTON - CAMPBELL & ASSOC. ARCHITECTS
 M. NEILL & BALDWIN, INC. ELECTRICAL ENGINEERS

APPROVED: *[Signature]*

ROCKVILLE ROUTE
 LIGHTING - BOX SECTION
 STATION 677+20 TO 653+75

SCALE: 1" = 40'-0" (0, 20, 40)
 DRAWING NO. FA14-E-3



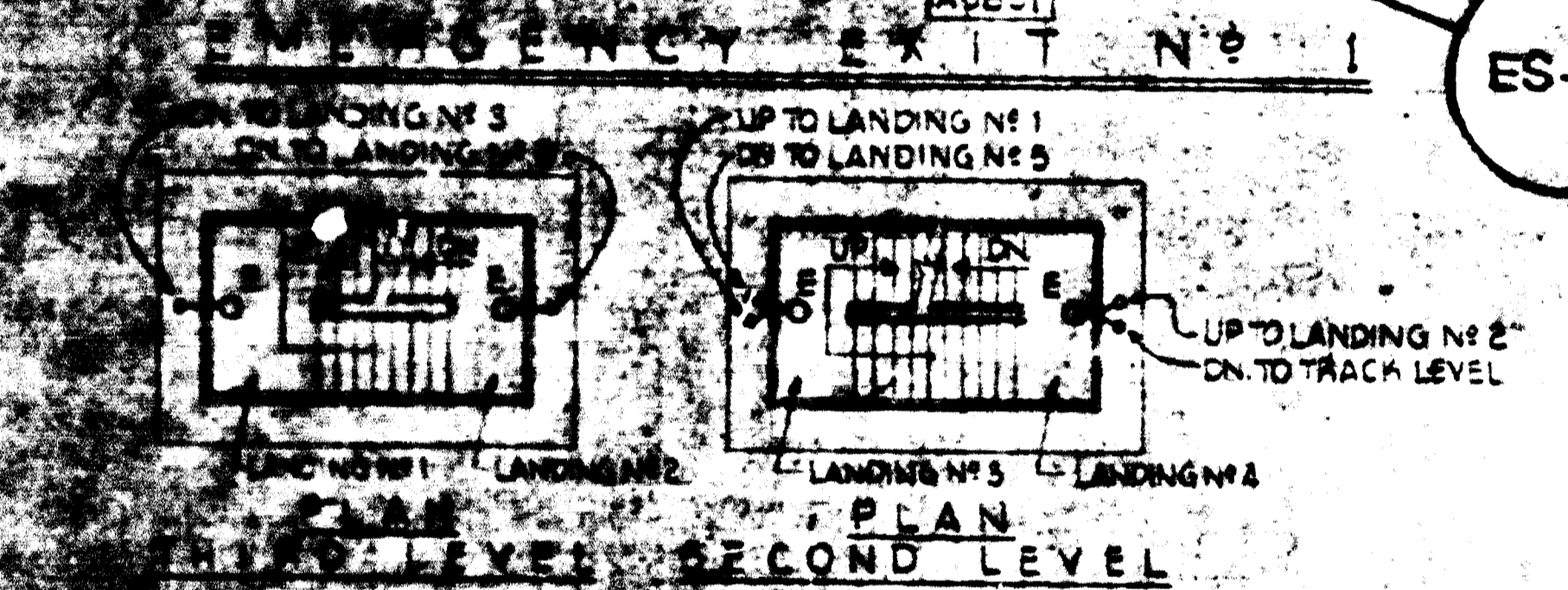
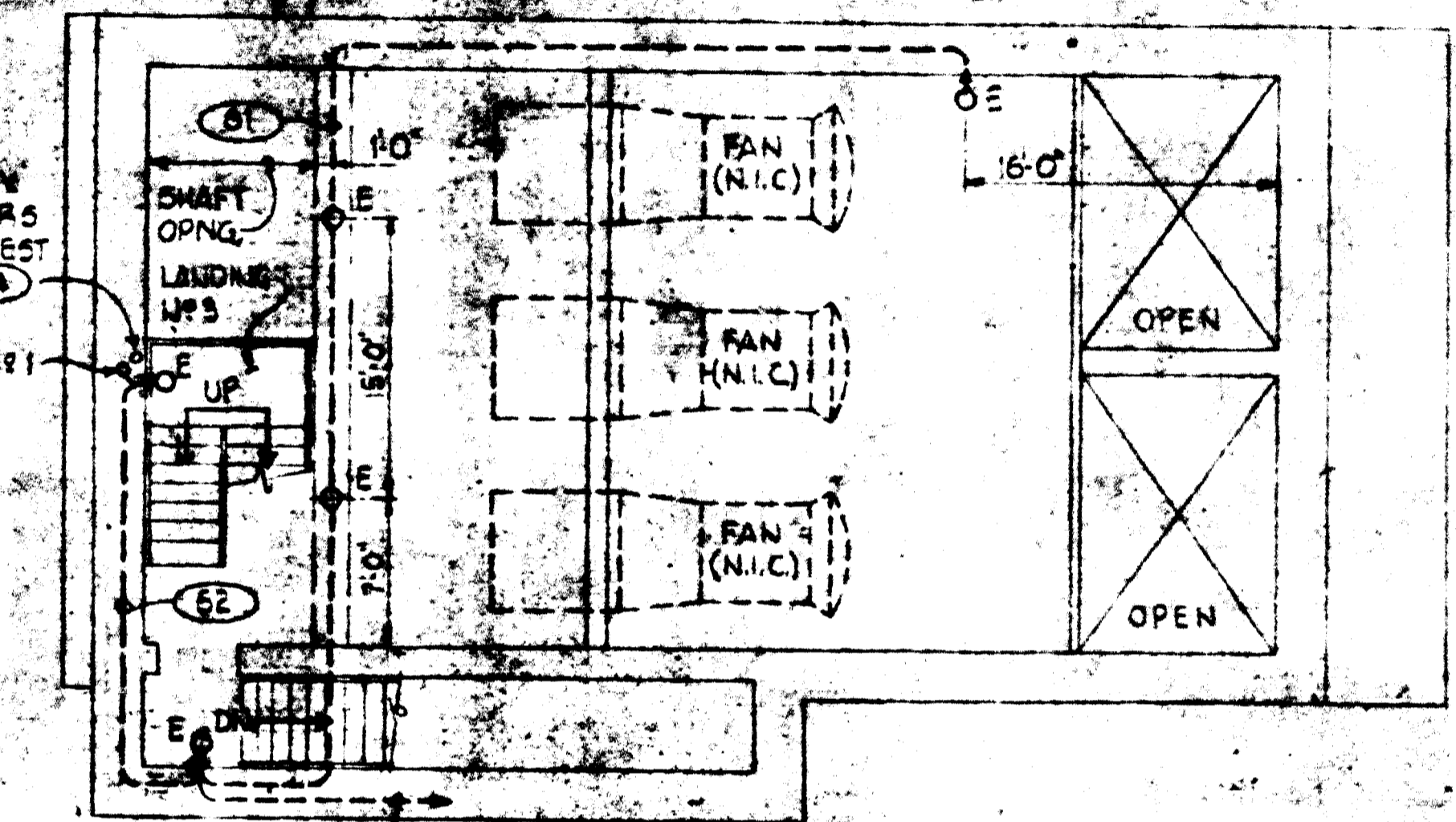
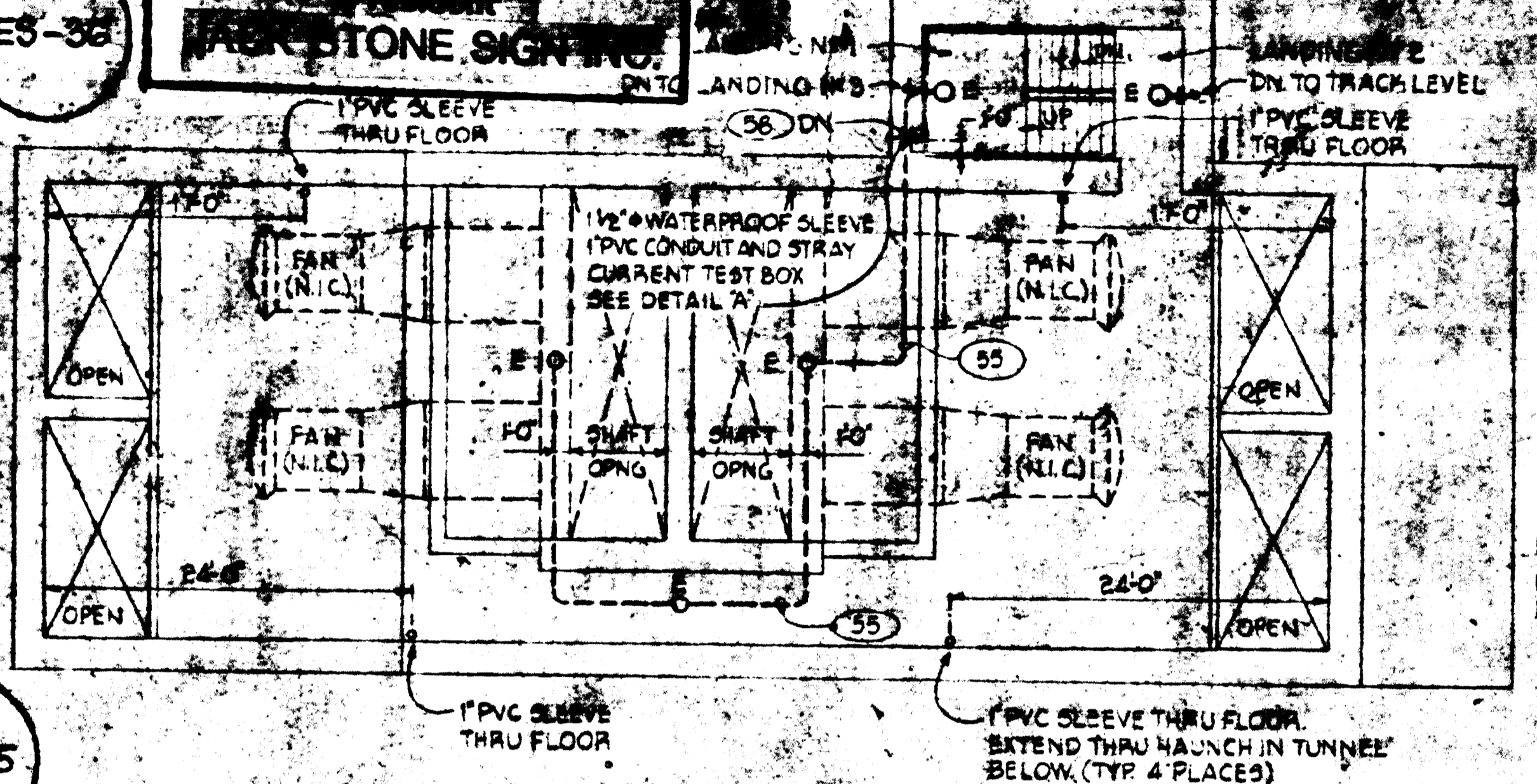
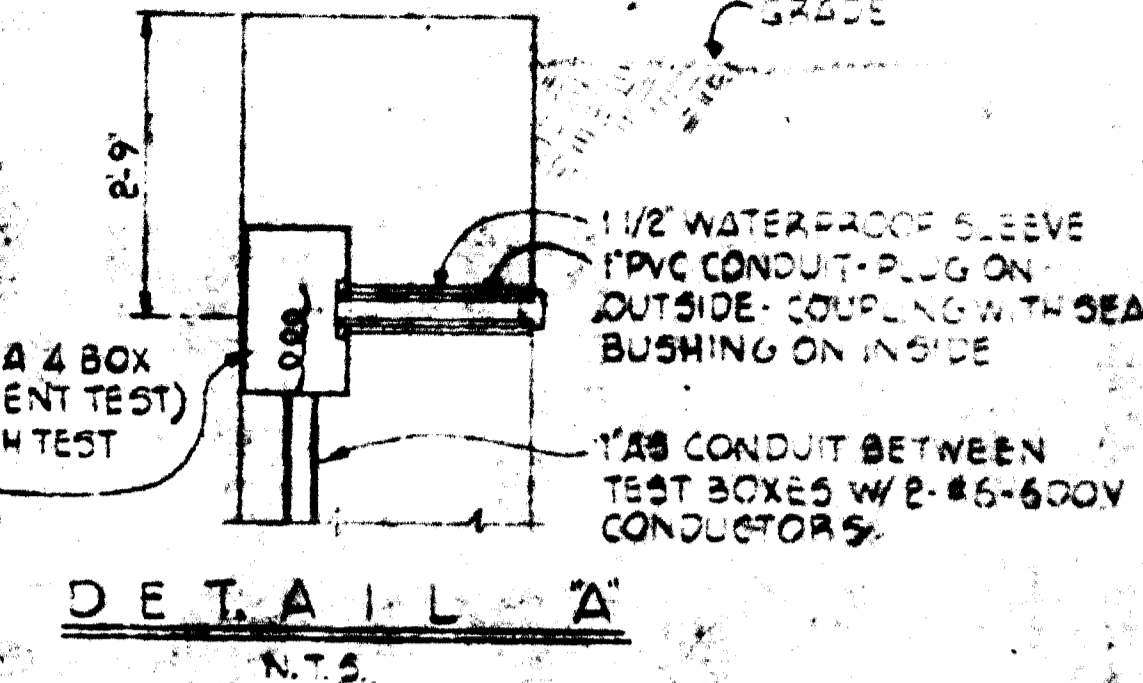
AS-BUILT
 Contract No 12009C
 April 22-1983
 This drawing accurately depicts the work as constructed.
ROCKSTONE SIGN NO.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
AS-BUILT CONDITION
 BY: [Signature] AUB 31 1981
 RESIDENT ENGINEER DATE

1/2" WATERPROOF SLEEVE, 1" PVC CONDUIT AND STRAY CURRENT TEST BOX SEE DETAIL 'A'

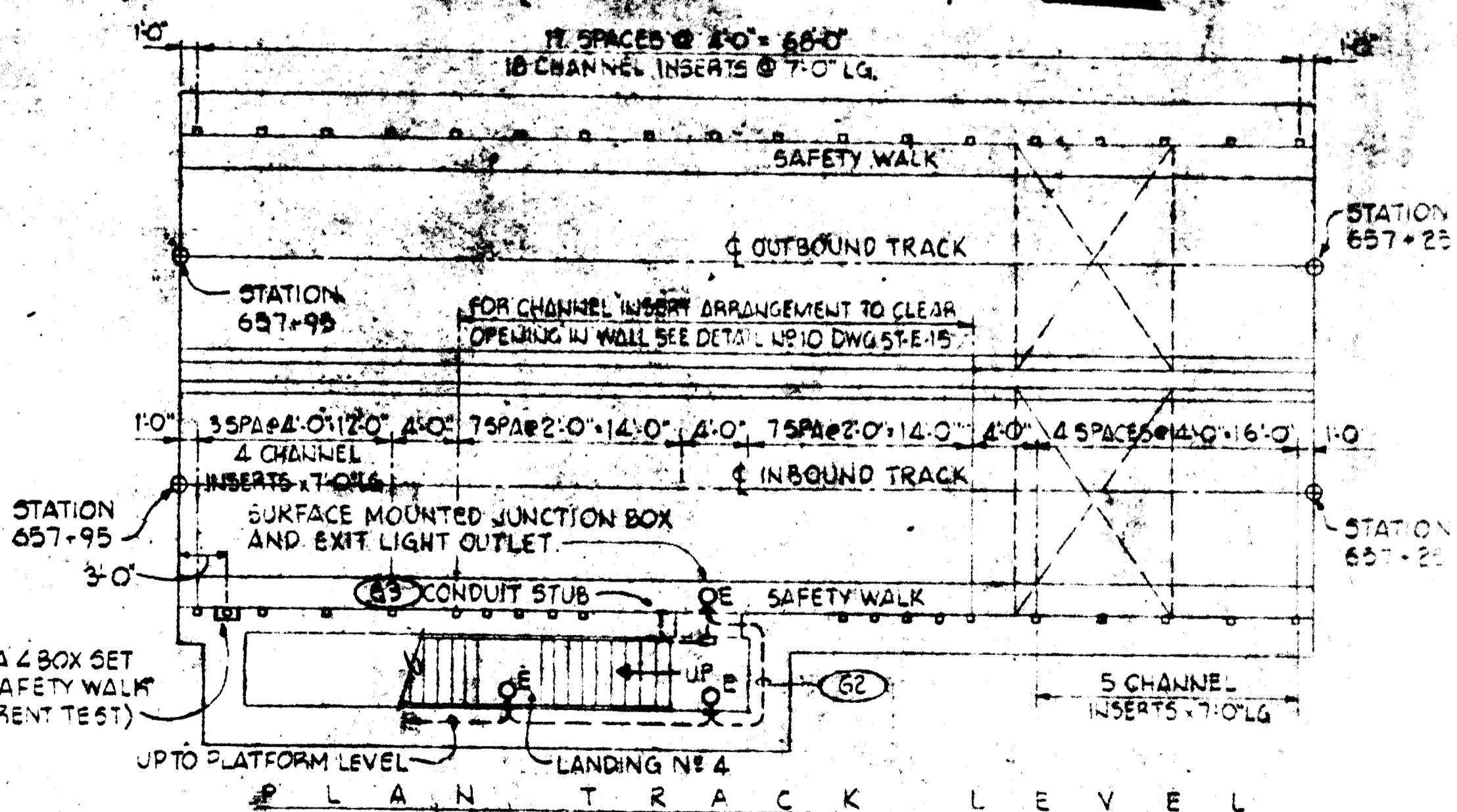
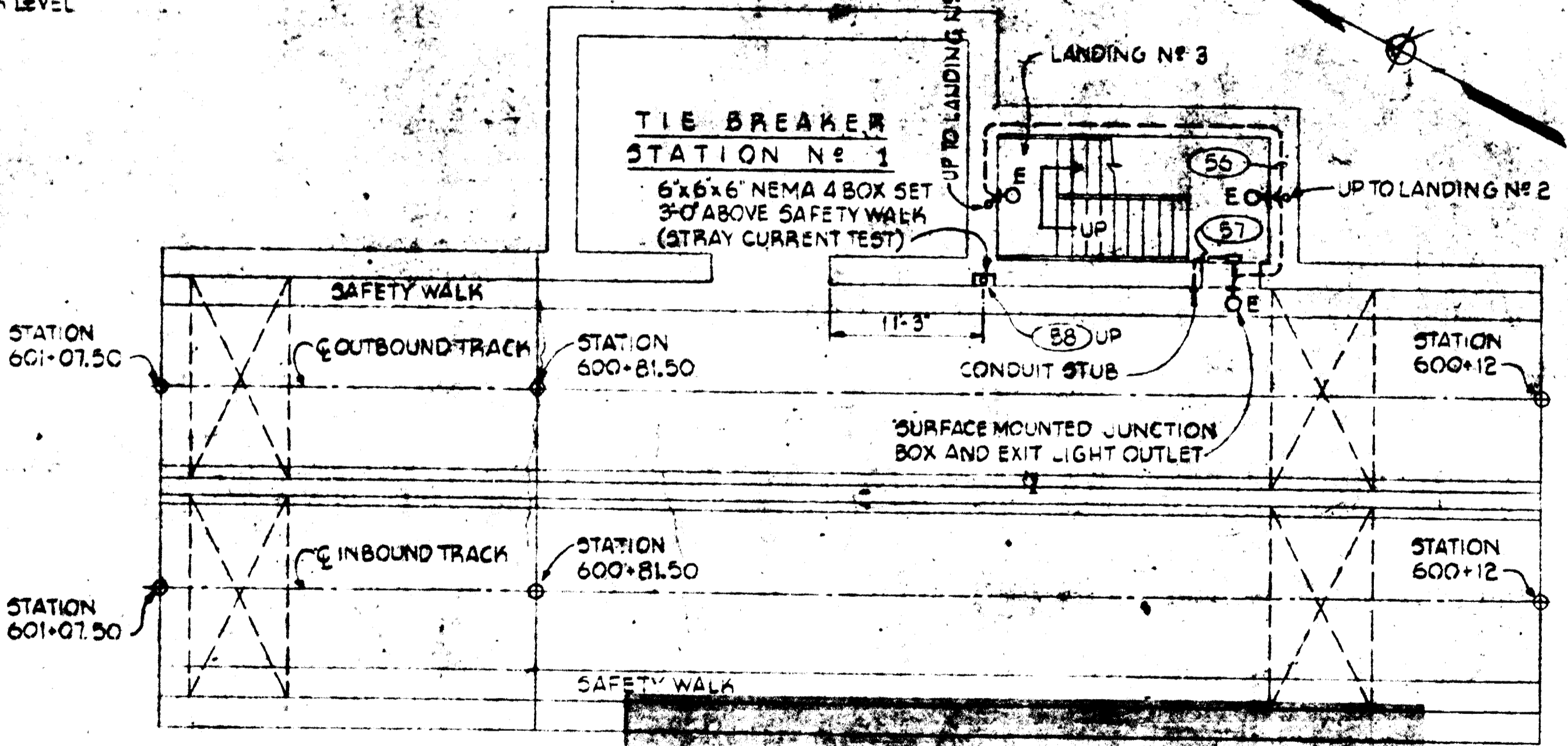
NOTE:
 1 - ALL WALL OUTLETS TO BE MOUNTED 7'-3" ABOVE SAFETY WALK OR LANDING, AS APPLICABLE.
 2 - ALL CONDUIT STUBS TO TERMINATE WITH PLUGGED COUPLINGS SET FLUSH WITH FACE OF WALL 7'-3" ABOVE SAFETY WALK.

PLAN THIRD LEVEL



PLAN-FAN PLATFORM LEVEL

PLAN-FAN PLATFORM LEVEL



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

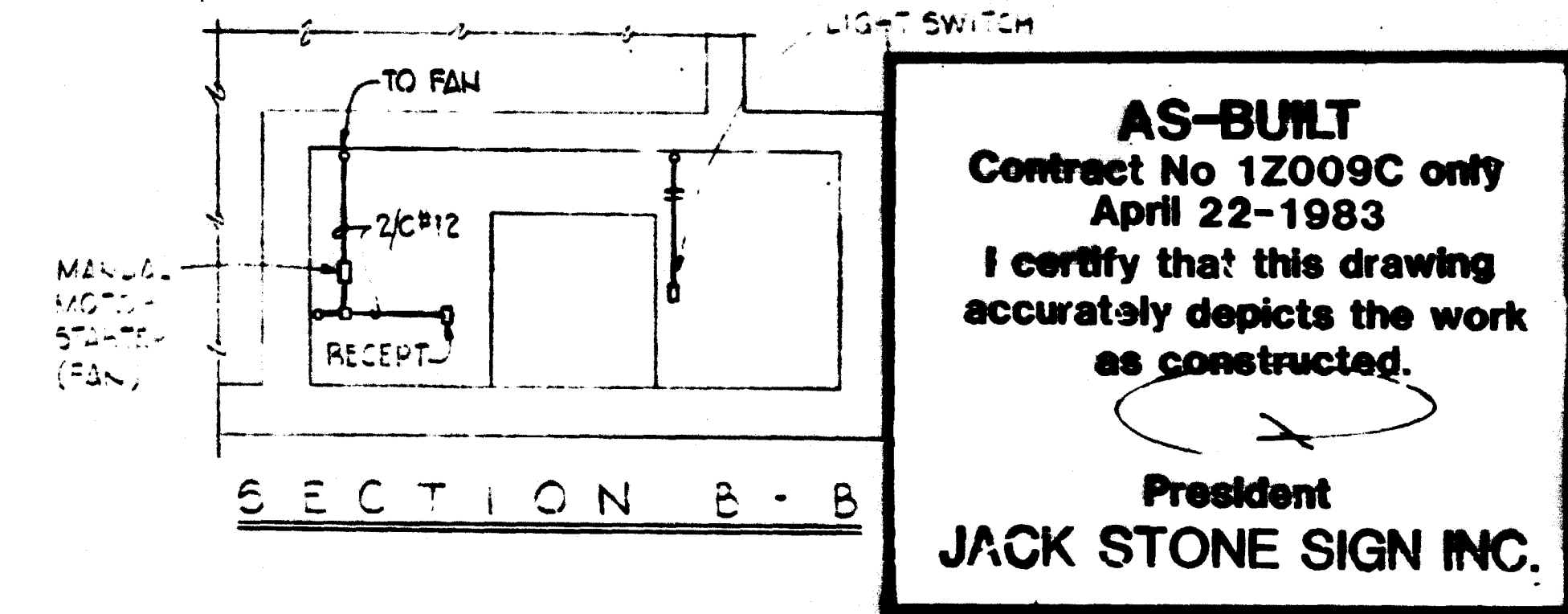
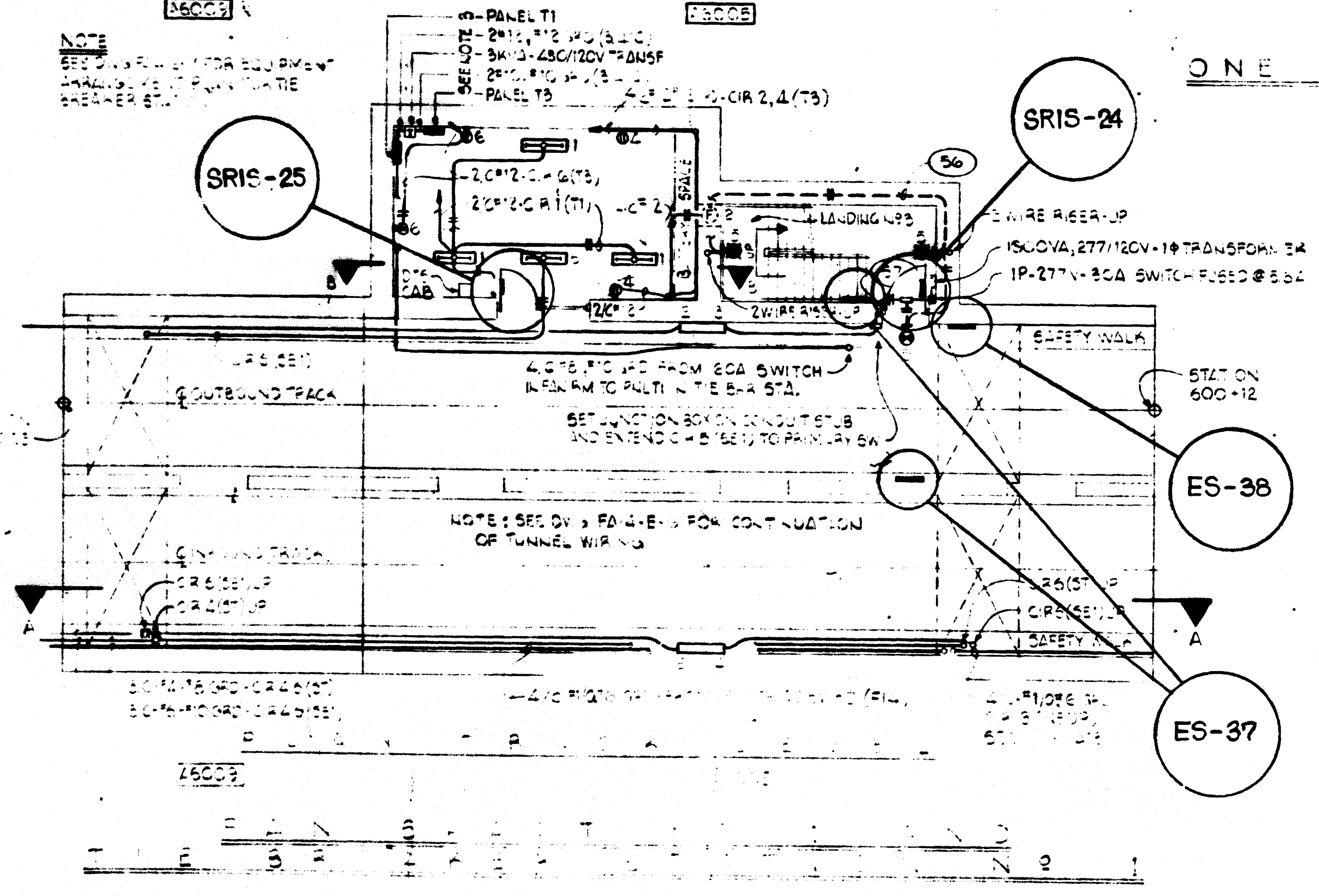
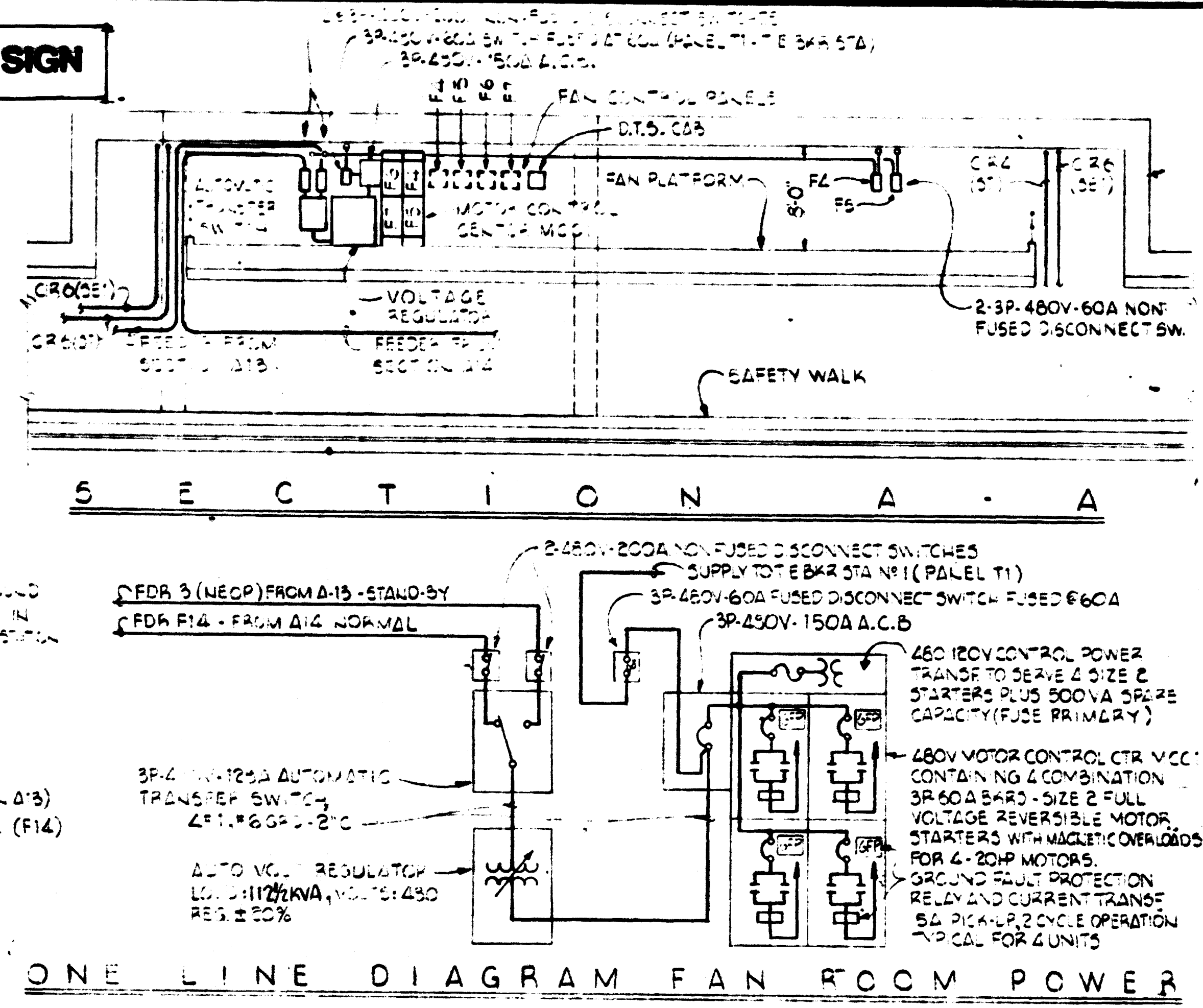
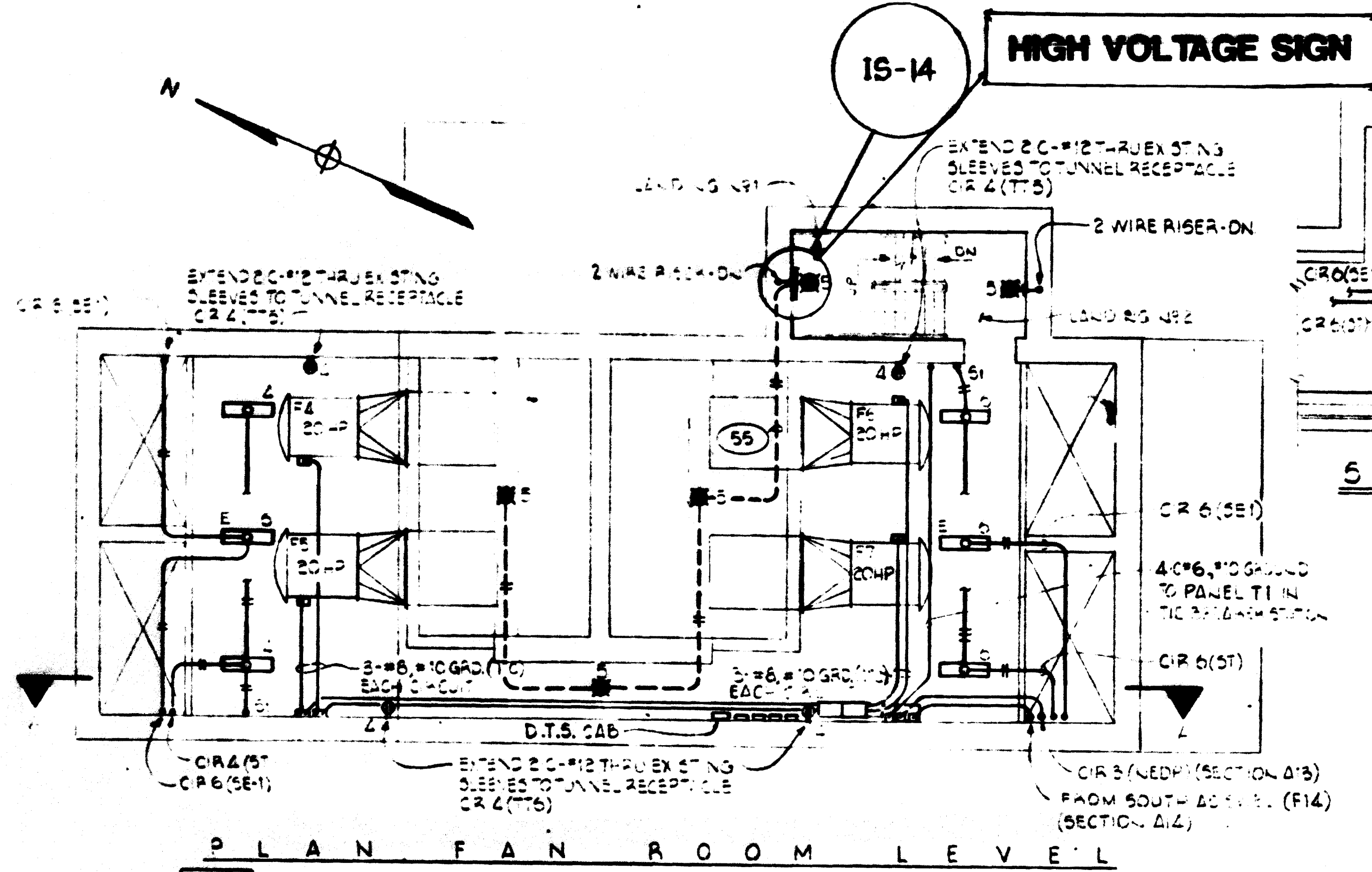
DESIGNED	RCD	2-15-77	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	ALP	2-15-77	476-5-16	FAN SHAFT-UNIT A6576			
CHECKED	RCD	2-15-77	476-5-16	EMERGENCY EXIT-UNIT A6177			
APPROVED			476-5-16	FAN SHAFT-TIE BREAKER-UNIT A6009			
			476-5-16	EMERGENCY EXIT-UNIT A7831			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

BAKER - WIBBERLEY & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 DE LEUW, CATHER & COMPANY
 GENERAL ENGINEERING CONSULTANT
 HARRY WESE & ASSOCIATES
 GENERAL ARCHITECTURAL CONSULTANTS

ROCKVILLE ROUTE
 ELECTRICAL DETAILS
 FAN SHAFTS AND EMERGENCY EXITS

SCALE: 1/8" = 1'-0" (1 2 4 6 8 10)
 DRAWING NO: A14-E-12



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:**
- 1 - ALL ELECTRICAL EQUIPMENT ENCLOSED TO BE IN A BR UNLESS NOTED OTHERWISE.
 - 2 - LIGHTING IN THE BAR STATION TO BE COORDINATED WITH THE SW TO GEAR STAGE CONTRACTOR.
 - 3 - PANELS T1 AND T3 TO SUPPLY BATTERY CHARGER AND INTERRUPTIBLE POWER SUPPLY PROVIDED BY STAGE CONTRACTOR.
 - 4 - FLUORESCENT LIGHTING FIXTURES IN FAN ROOM AND THE BREAKER STATION TO BE TYPE 1 (STD DWG 37-516) SURFACE MOUNTED.
 - 5 - INCANDESCENT FIXTURES: FAN ROOM - TYPE 1; STAIRWELL - TYPE 2.

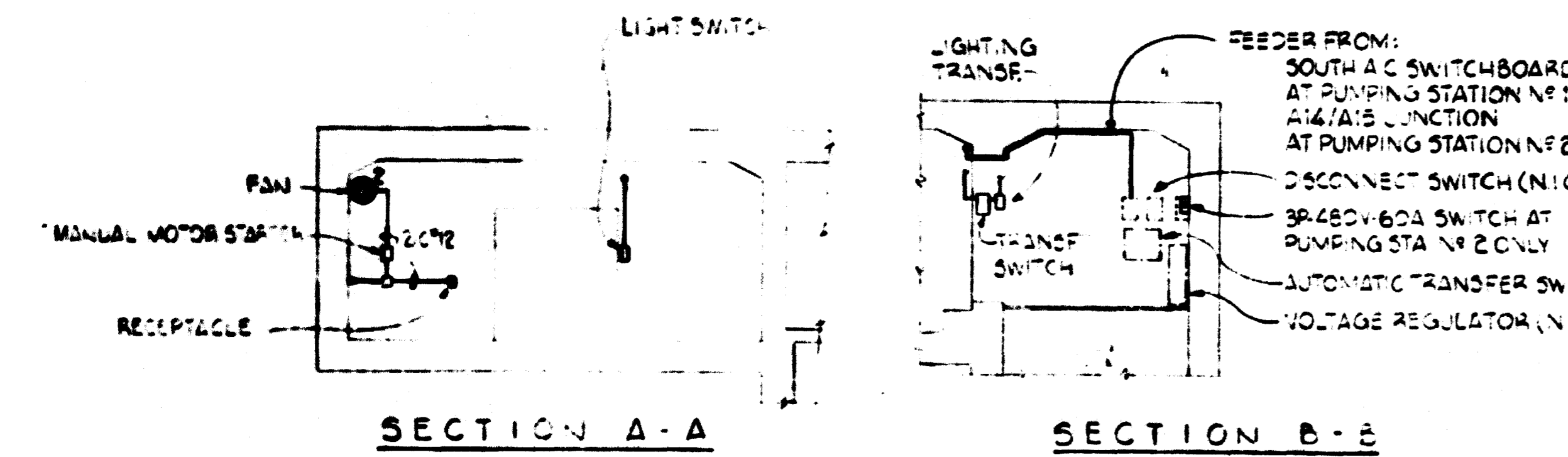
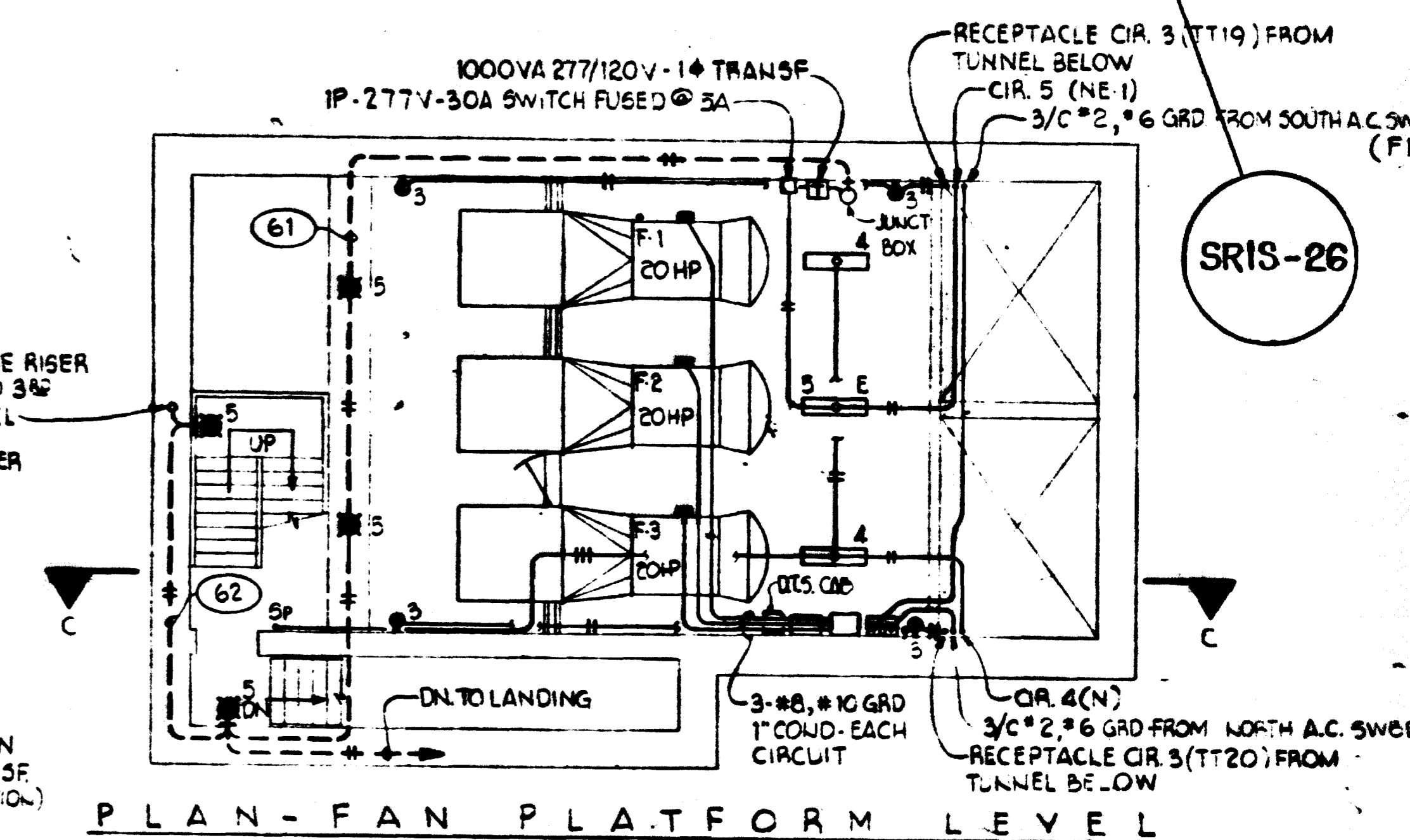
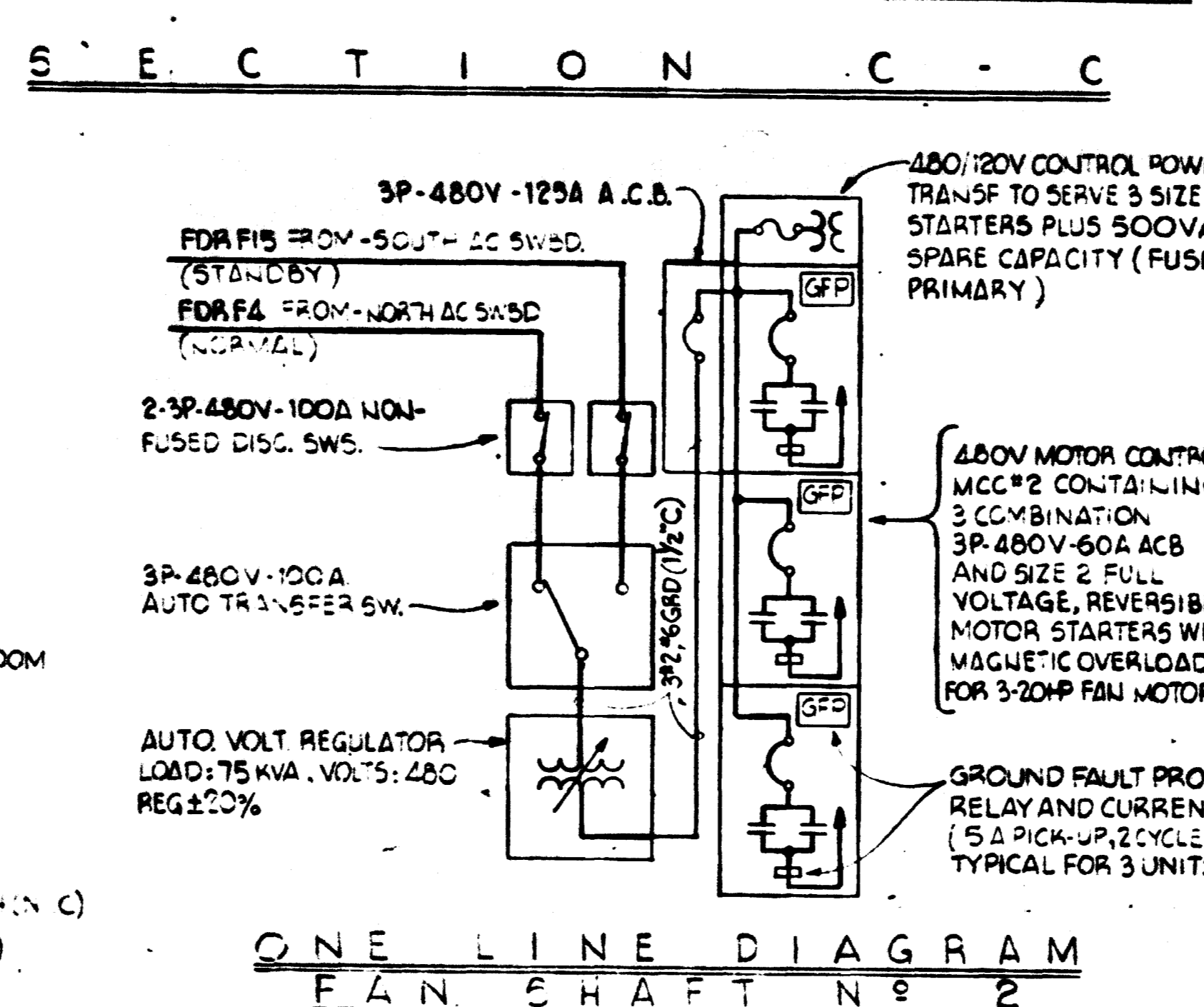
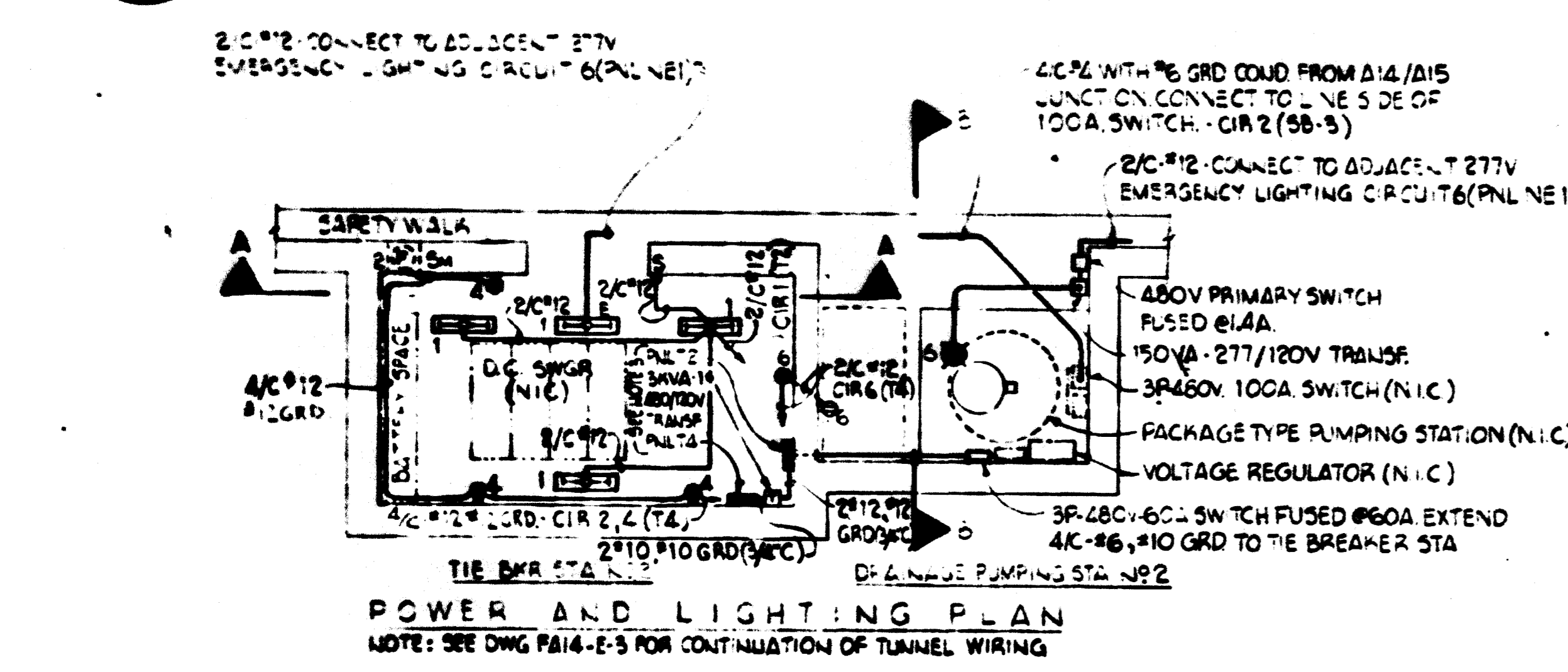
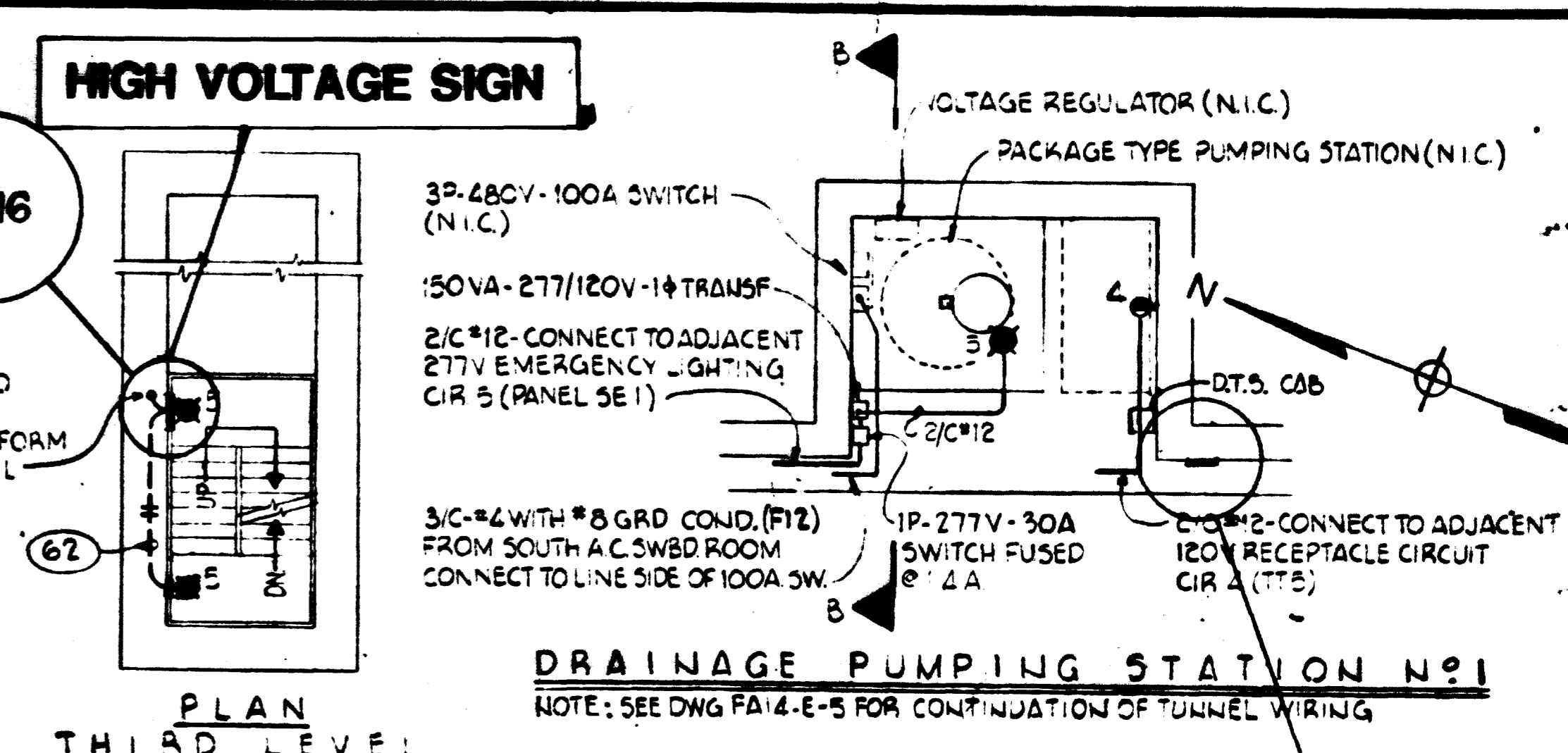
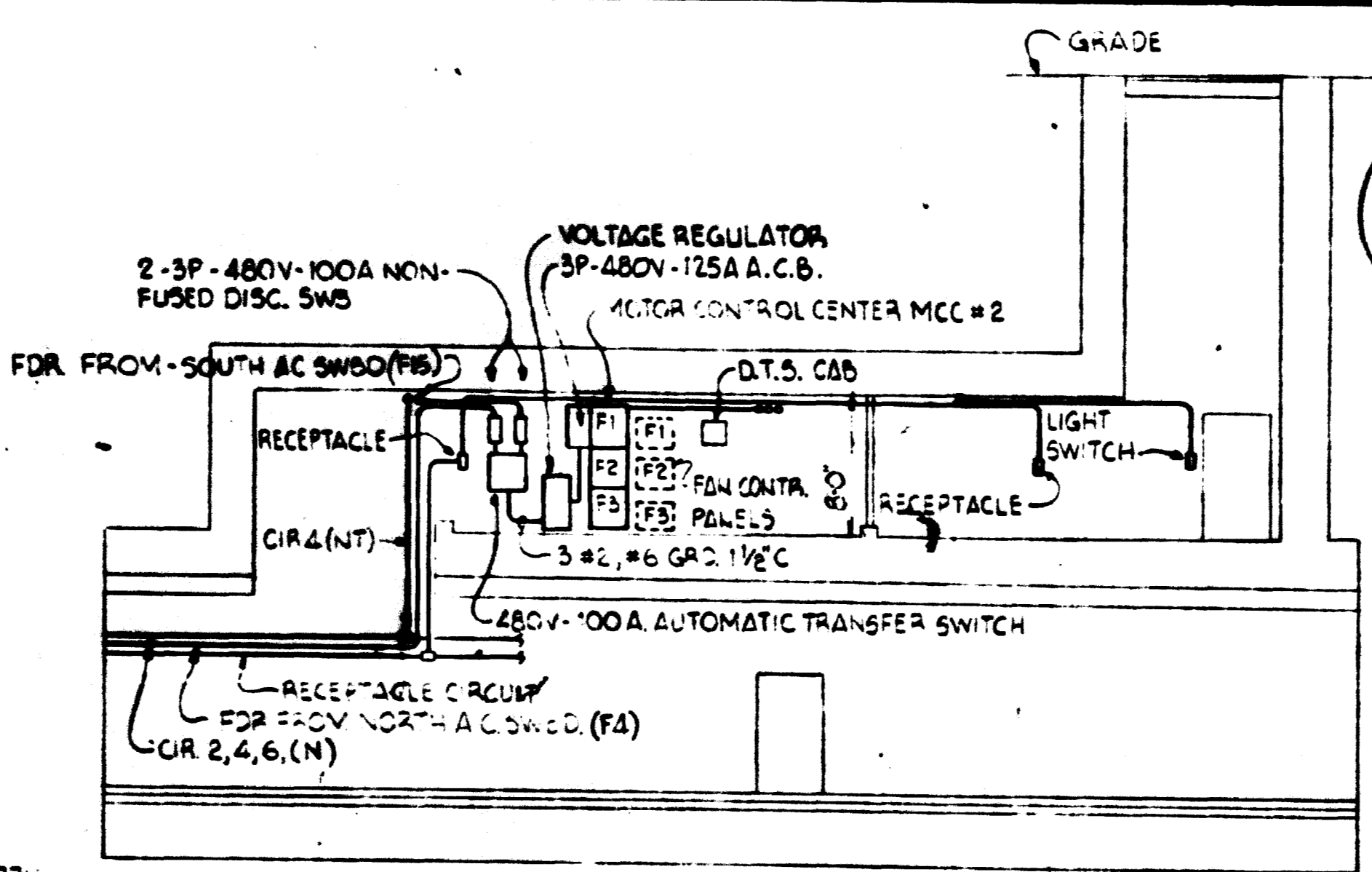
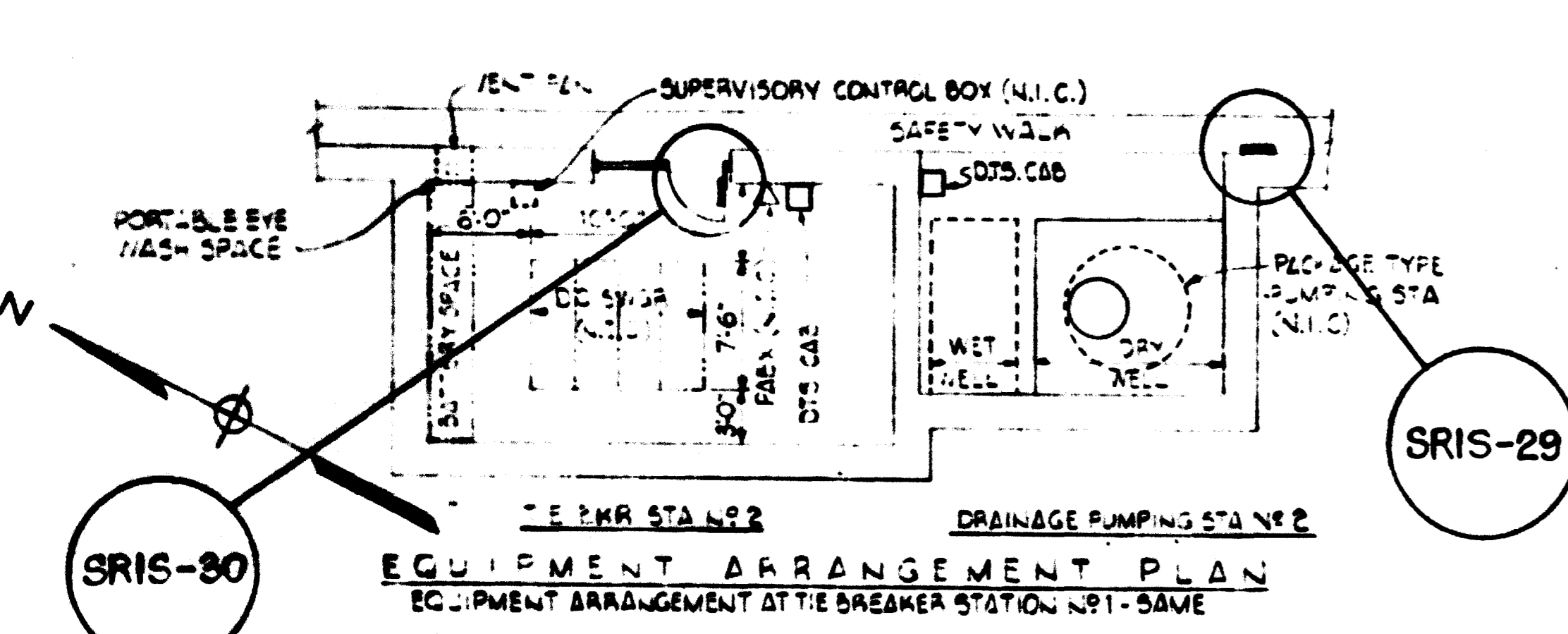
FOR INFORMATION ONLY
 USE THIS DRAWING TO LOCATE TUNNEL GRAPHICS PER CONTRACT 12009C ONLY

DESIGNED		DATE		DRAWN		DATE		CHECKED		DATE		APPROVED		DATE	

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		ROCKVILLE ROUTE	
BAKER - WIBBERLEY & ASSOCIATES INC. CONSULTING ENGINEERS		FAN SHAFT #1 - TIE BREAKER STATION #1 EMERGENCY EXIT #2	
SULTON - CAMPBELL & ASSOC ARCHITECTS McNEILL & BALDWIN, INC MECHANICAL ELECTRICAL ENGINEERS		DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT	
SUBMITTED: <i>[Signature]</i>		HARRY WEESSE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT	
APPROVED: <i>[Signature]</i>		APPROVED: <i>[Signature]</i>	

SCALE	DRAWING NO.
1" = 10'-0" 10 2 4 6 8 10	FA14-E-9



TIE BREAKER ST. N#2 - DRAINAGE PUMPING STATION N#2

NOTES:

- 1 - ALL ELECTRICAL EQUIPMENT ENCLOSURES TO BE NEMA 3R UNLESS NOTED OTHERWISE
- 2 - WIRING IN THE BREAKER STATION TO BE COORDINATED WITH DC SWITCHGEAR STAGE CONTRACTOR.
- 3 - PANEL T2 AND T4 TO SUPPLY BATTERY CHARGER AND UNINTERRUPTIBLE POWER SUPPLY PROVIDED BY STAGE CONTRACTOR.
- 4 - ALL FLUORESCENT LIGHTING FIXTURES TO BE TYPE 1 (STD DWG. 578-16) SURFACE MOUNTED.
- 5 - INCANDESCENT LIGHTING FIXTURES (STD DWG. 578-15) TO BE: DRAINAGE PUMPING STATION - TYPE 68 MOUNTED ON SURFACE; FAN ROOM - TYPE 68 CEILING MOUNTED; STARWELL - TYPE 6C WALL MOUNTED.
- 6 - FEEDERS FROM SECTION A13 AND NORTH A.C. SWITCHBOARD ROOM TO DRAINAGE PUMPING STATIONS N#1 AND N#2, RESPECTIVELY, AND THE ASSOCIATED SWITCHES, VOLTAGE REGULATORS, AND WIRING BETWEEN REGULATORS AND PACKAGE TYPE PUMPING STATIONS ARE NOT IN CONTRACT, PROVIDED UNDER CONTRACT 120141.

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

FOR INFORMATION ONLY
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DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
RCO	9/20/77	FA14-E-3	GROUNDING		
DRAWN	9/20/77	FA14-E-3	SCHEMATIC DIAGRAM - SECTION C		
CHECKED	9/20/77	FA14-E-3	TIE BREAKER STATION N#2 DRAINAGE PUMPING STATION N#2		
APPROVED	9/20/77	FA14-E-3	FAN SHAFT N#2 - MECHANICAL		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

BAKER - WIBBERLEY & ASSOCIATES INC. CONSULTING ENGINEERS

DE LEUW, CATHER & COMPANY GENERAL ENGINEERING CONSULTANT

SULTON - CAMPBELL & ASSOC ARCHITECTS

MCNEILL & BALDWIN, INC. MECHANICAL - ELECTRICAL ENGINEERS

HARRY WEESSE & ASSOCIATES GENERAL ARCHITECTURAL CONSULTANT

ROCKVILLE ROUTE
FAN SHAFT N#2 - TIE BREAKER STATION N#2
DRAINAGE PUMPING STATIONS N#1 & N#2

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

DRAWING NO. FA14-E-7 M523-74