

DRAWING NUMBER

23-130

DRAWING NUMBER

DRAWING NUMBER

PLANS SYMBOLS

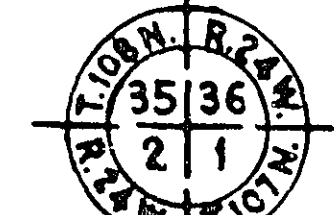
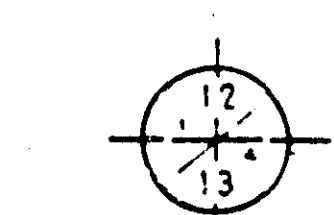
STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT OF WAY LINE
RIVER OR CREEK
DRY RUN
DRAINAGE DITCH
DRAIN TILE
CULVERT
DROP INLET
GUARD RAIL
BARBED WIRE FENCE
WOVEN WIRE FENCE
CHAIN LINK FENCE
RAILROAD SNOW FENCE
STONE WALL OR FENCE
HEDGE
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
ELECTRIC WARNING SIGN
CROSSING GATE
MEANDER CORNER

SPRINGS
MARSH
TIMBER
ORCHARD
BRUSH
NURSERY
CATCH BASIN
FIRE HYDRANT
CATTLE GUARD
OVERPASS (Highway Over)
UNDERPASS (Highway Under)
BRIDGE
BUILDING (One Story Frame)
F FRAME C CONCRETE
S STONE T TILE
B BRICK ST STUCCO
IRON PIPE OR ROD
MONUMENT (STONE, CONCRETE, OR METAL)
WOODEN HUB
GRAVEL PIT
SAND PIT
BORROW PIT
ROCK QUARRY

UTILITIES SYMBOLS

POWER POLE LINE
TELEPHONE OR TELEGRAPH
POLE LINE
JOINT TELEPHONE AND POWER
ON POWER POLES
ON TELEPHONE POLES
ANCHOR
STEEL TOWER
STREET LIGHT
PEDESTAL TELEPHONE CABLE
TERMINAL
GAS MAIN
WATER MAIN

CONDUIT
TELEPHONE CABLE IN CONDUIT
ELECTRIC CABLE IN CONDUIT
TELEPHONE MAMMOTH
ELECTRIC MAMMOTH
BURIED TELEPHONE CABLE
BURIED ELECTRIC CABLE
AERIAL TELEPHONE CABLE
SEWER, (SANITARY OR STORM)
SEWER MAMMOTH



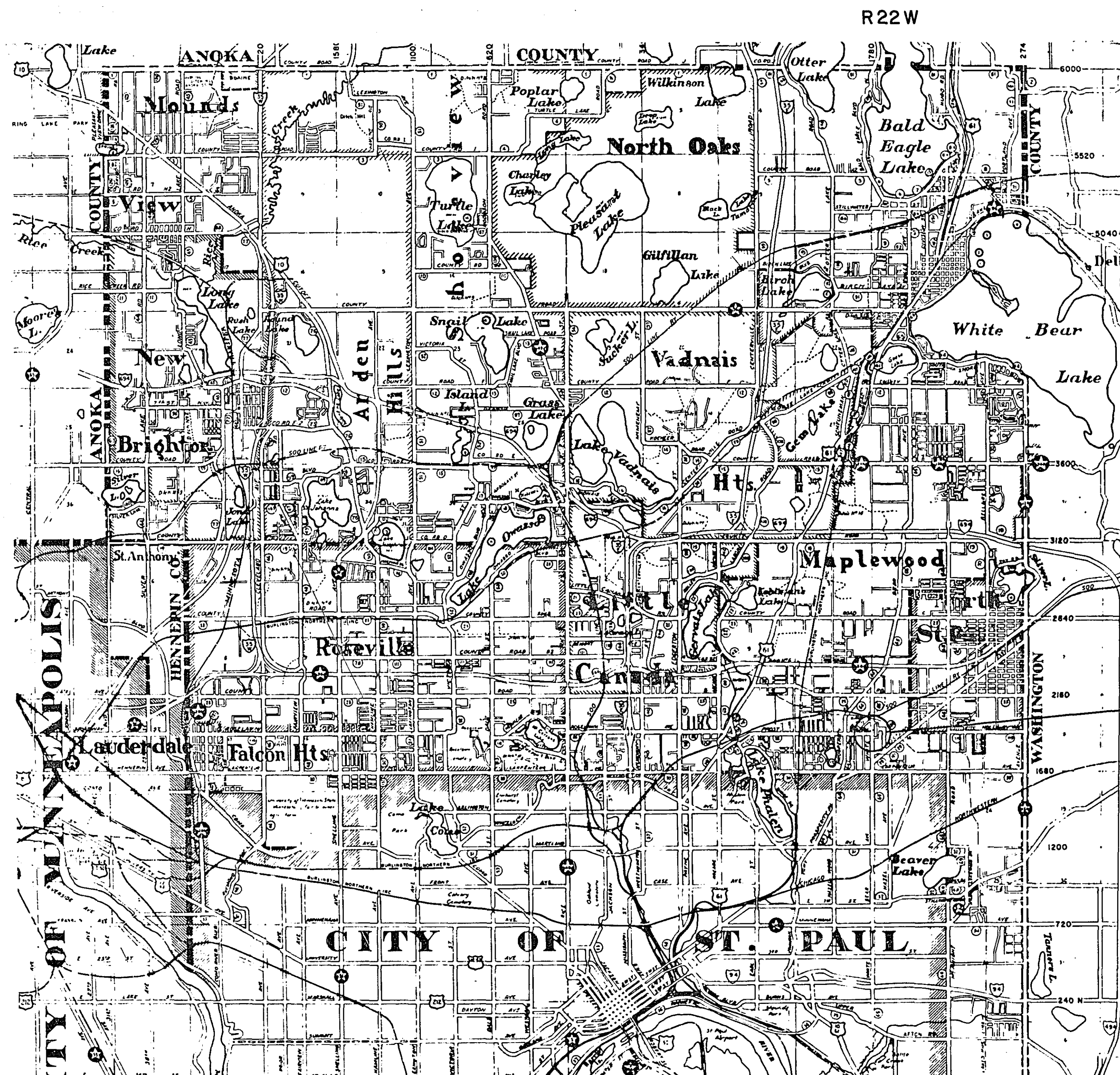
NOTE: SECTION NUMBERS OF
FROM THE SOUTH

PIT DATA

PIT NO. 1.6 ated in
Dead Haul
PIT NO. Located in
Dead Haul

THE 1978 EDITION OF THE MINNESOTA DEPARTMENT
OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR
HIGHWAY CONSTRUCTION" SHALL GOVERN.

RAMSEY COUNTY DEPARTMENT OF PUBLIC WORKS PLAN OF TRAFFIC CONTROL SYSTEM FOR THE INTERSECTION OF WHITE BEAR AVE. & FROST AVE. S.A.P. NO. 62-665-22



INDEX

SHEET NO. DESCRIPTION
1 TITLE
2 DETAILS & QUANTITIES
3 INTERSECTION LAYOUT
4 INTERCONNECT LAYOUT
5-6 FIELD WIRING DIAGRAM
7-11 INFORMATION

T29N

WHITE BEAR AVE. & FROST AVE.
S.A.P. NO. 62-665-22

DESIGN SQUAD R. Rubin DATE 12-2-82
DRAWN BY _____ DATE _____
CHECKED BY _____ DATE _____

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT
SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MINNESOTA.
DATE 12-2-82 REG. NO. 12703 ENGR. Paul K. Kohn

RECOMMENDED FOR APPROVAL _____ DATE _____

RECOMMENDED FOR APPROVAL Handwritten signature DATE 12-21-82

RECOMMENDED FOR APPROVAL Handwritten signature DATE 12-20-82

APPROVED Handwritten signature DATE 5/9/83

RECOMMENDED FOR APPROVAL Handwritten signature DATE 12-15-82

APPROVED Handwritten signature DATE 1/14/83

RECOMMENDED FOR APPROVAL Handwritten signature DATE 12-5-82

APPROVED _____ DATE _____

RECOMMENDED FOR APPROVAL Handwritten signature DATE 12-16-82

MINNESOTA DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR APPROVAL Handwritten signature DATE 12-15-82

RECOMMENDED FOR APPROVAL Handwritten signature DATE 4-6-83

APPROVED Handwritten signature DATE 12-21-82

RECOMMENDED FOR APPROVAL Handwritten signature DATE 2/23/83

APPROVAL Handwritten signature DATE 4/7/83

PLAN REVISIONS		
DATE	SHEET NO.	BY
2-2-83	SH #4 ADDED FOR INTERCON.	RW.

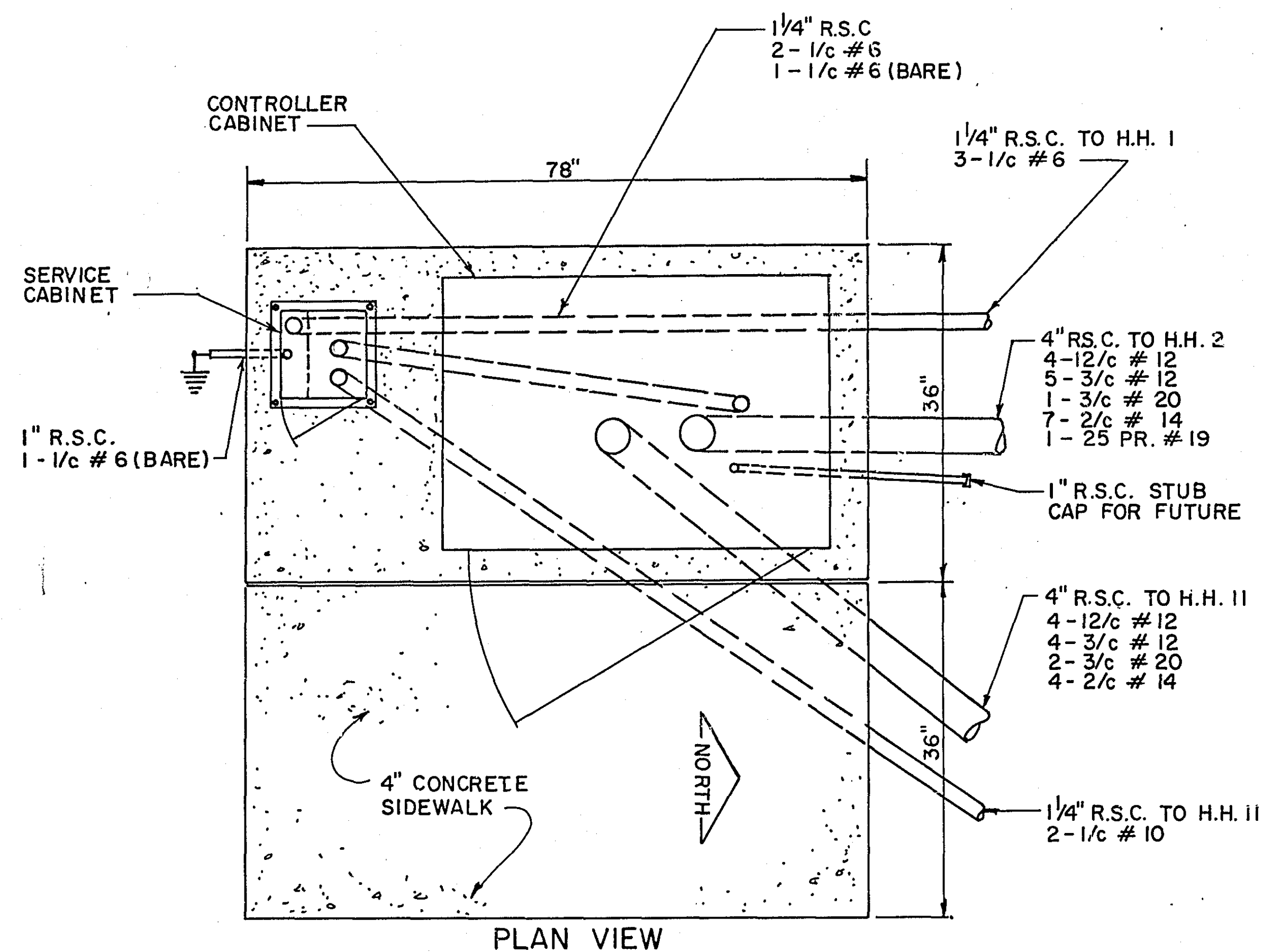
S.A.P. NO. 62-665-22

Sheet No. 1 of 11 Sheets

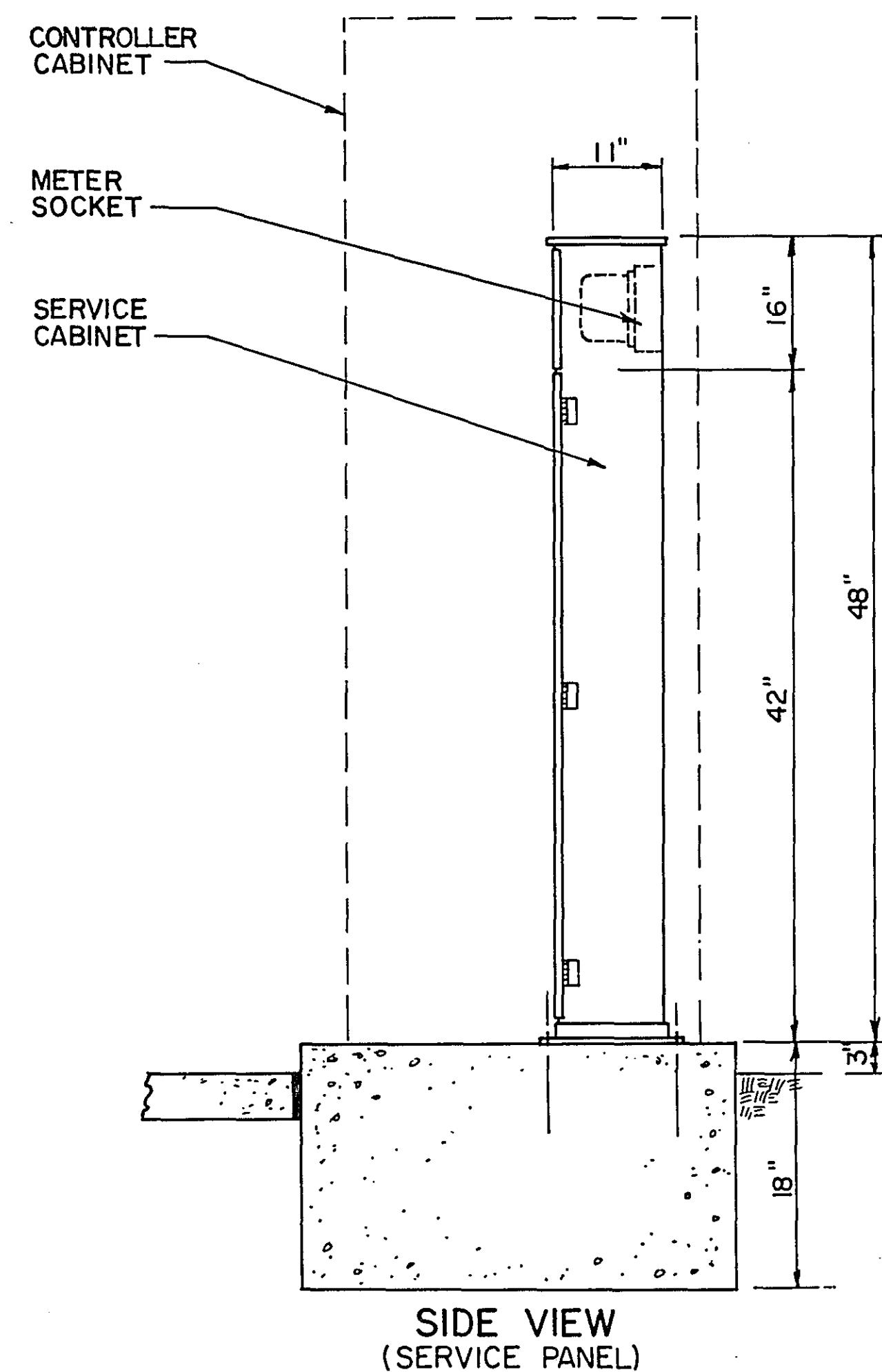
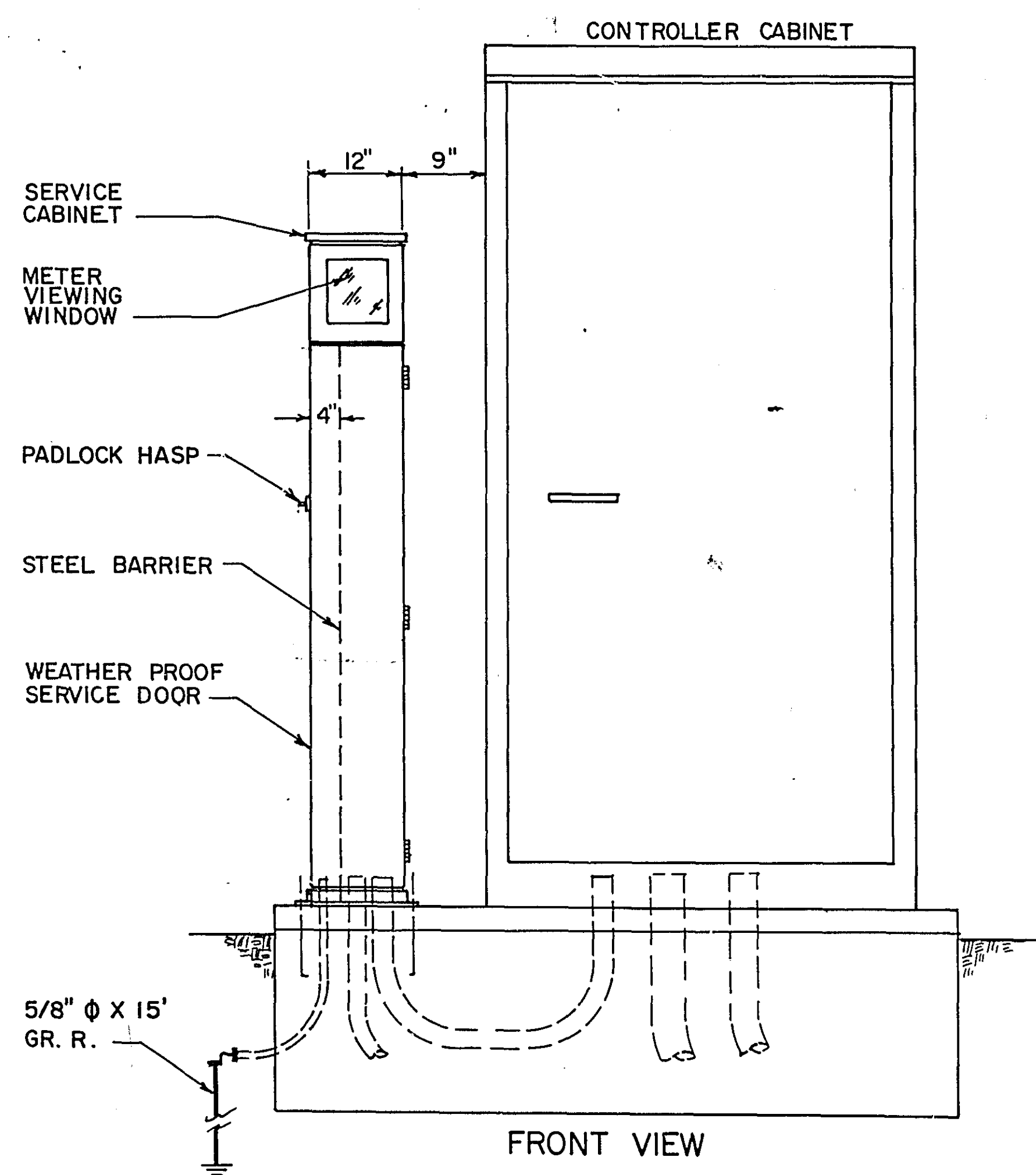
23-130

DRAWING NUMBER 23-130

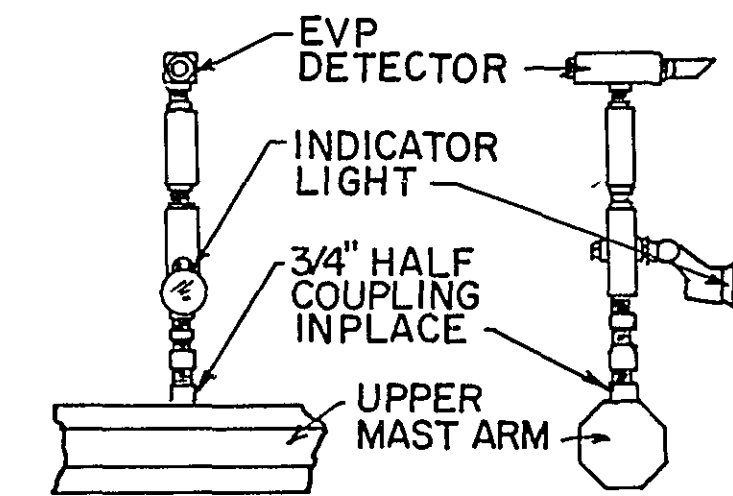
EQUIPMENT PAD DETAILS



1. ANCHOR RODS, NUTS AND WASHERS PER MN/DOT 3385 OR APPROVED EQUAL SET AS RECOMMENDED BY CABINET MANUFACTURER (NUMBER, SIZE AND LENGTH OF ANCHOR RODS SHALL BE AS REQUIRED BY THE CABINET MANUFACTURER).
2. UPPER PART OF FOUNDATION SHALL BE BEVELED OR CHAMFERED IN A NEAT MANNER AS DIRECTED BY THE ENGINEER IN THE FIELD.
3. TOP OF CONDUITS SHALL BE THREADED AND CAPPED AFTER INSTALLATION (UNTIL CABLES ARE INSTALLED) CONDUIT SHALL PROJECT A MINIMUM OF 2" ABOVE CONCRETE AND SHALL BE LOCATED INSIDE THE CABINET WHERE DIRECTED BY THE ENGINEER BUT SHALL NOT INTERFERE WITH CABINET FUNCTIONS. (SUPPORTING MEMBERS, ETC.)
4. CONCRETE MIX 3A32 OR EQUAL SHALL BE USED FOR FOUNDATION AND CONCRETE WALK.
5. CONDUITS WHICH HAVE BOTH ENDS TERMINATING WITHIN THE PAD SHALL NOT BE INSTALLED BELOW THE CONCRETE.
6. EXACT LOCATIONS OF CONDUIT WITHIN THE PAD SHALL BE AS DETERMINED BY THE ENGINEER IN THE FIELD.



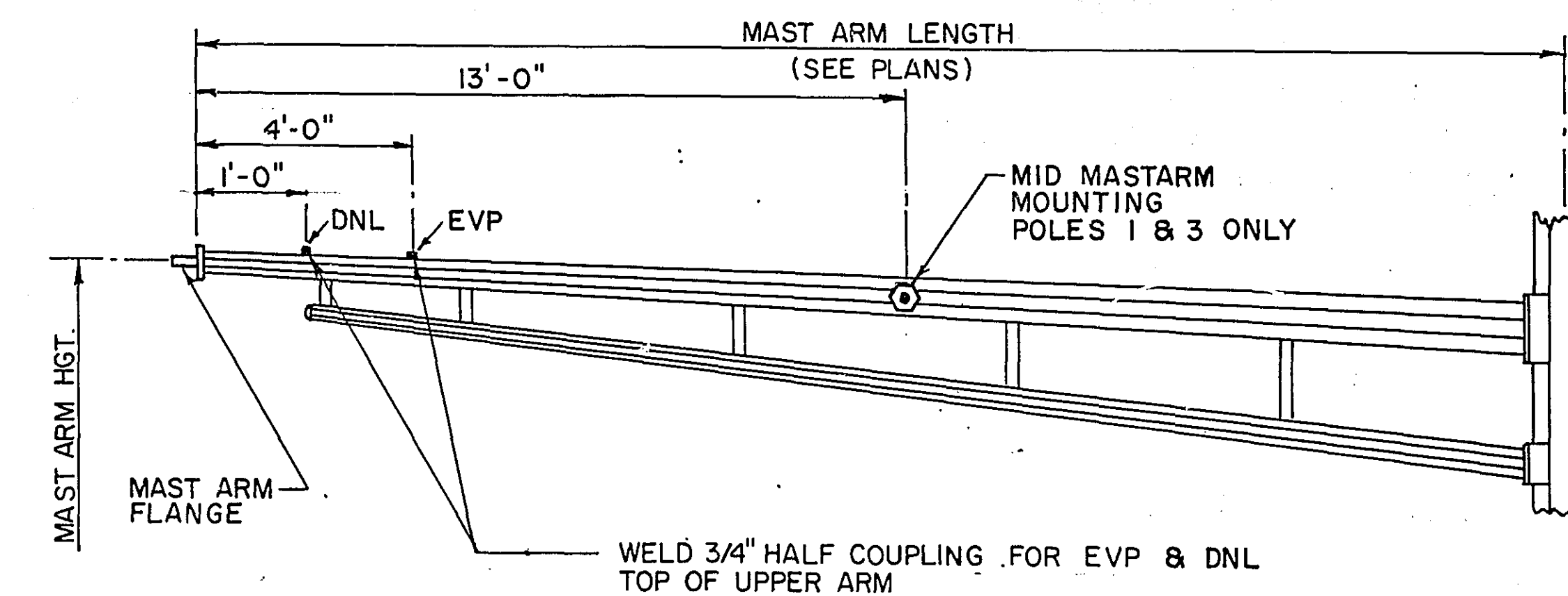
EVP MOUNTING DETAIL



ONE WAY EVP DETECTOR & LIGHT MOUNTED TOP UPPER MAST ARM - POLES 1, 3 & 4.

NOTE: USE SALVAGED EVP DETECTORS - SEE SPECIAL PROVISIONS.

MAST ARM DETAILS



ABBREVIATIONS

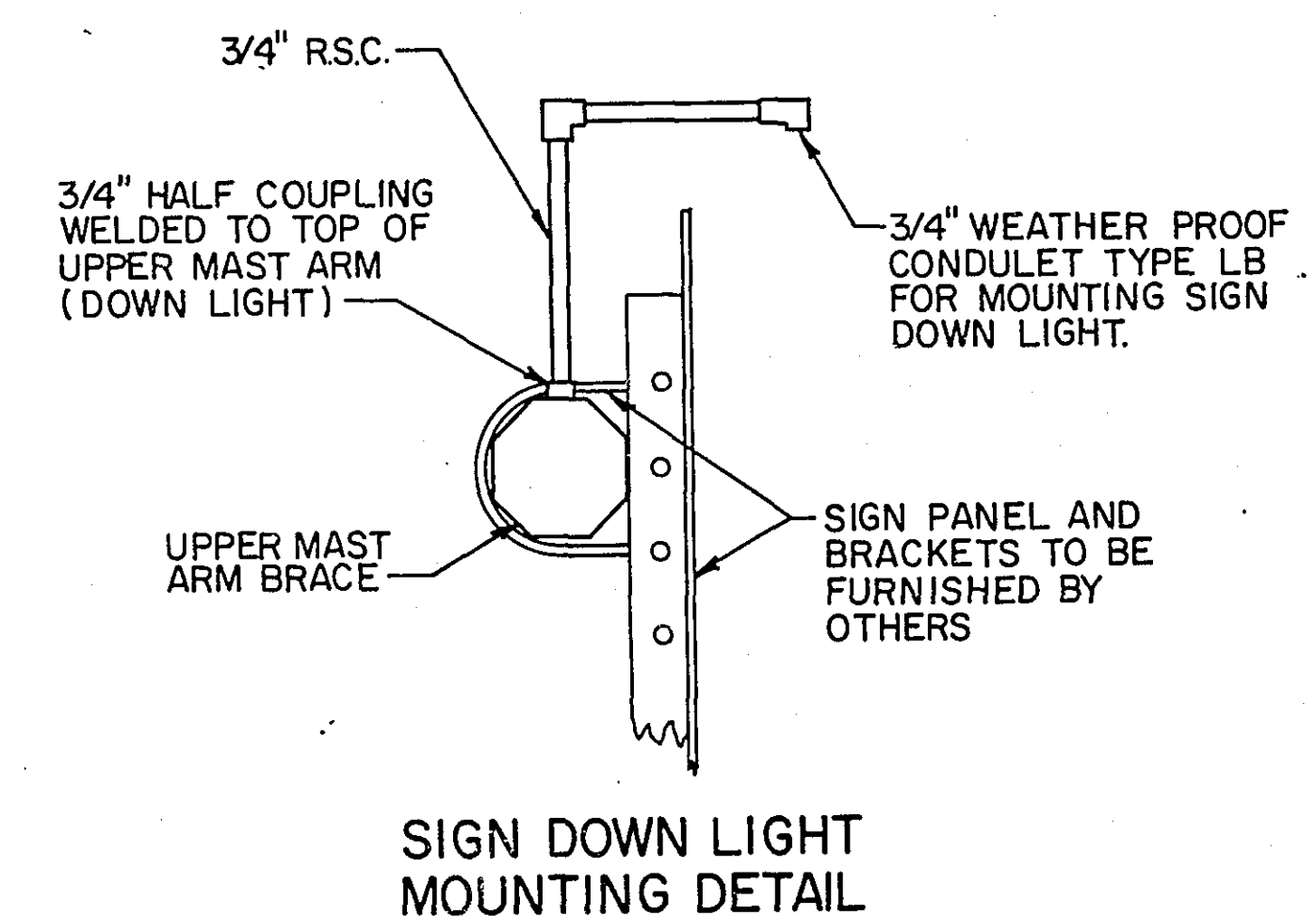
EQUIPMENT & INDICATIONS

RED - RED
YEL - YELLOW
GRN - GREEN
LTA - LEFT TURN ARROW
THA - THRU ARROW
RTA - RIGHT TURN ARROW
TRA - THRU AND RIGHT ARROW
WLK - WALK
NEU - NEUTRAL
DWK - DON'T WALK
SW - SWITCH
SWD - SWITCHED
LUM - LUMINAIRE
P2-(eg) - PEDESTRIAN INDICATION - "2" PHASE
PB4-2(eg) - PUSH BUTTON - "4" PHASE
2-2(eg) - SIGNAL HEAD - "2" PHASE
D2-4(eg) - DETECTOR - "2" PHASE
H.H. - HANDHOLE
GR.R. - GROUND ROD
SERV. - SERVICE
EVP - EMERGENCY VEHICLE PRE-EMPTION

DNL - DOWNLIGHT
P.E.C. - PHOTOELECTRIC CELL
ST. LHT. - STREET LIGHT
CH. - CHECK
S.O.P. - SOURCE OF POWER
EQ.G. - EQUIPMENT GROUND
SPR - SPARE CONDUCTOR

COLOR CODING OF CONDUCTOR

R - RED
O - ORANGE
BL - BLUE
WH - WHITE
R/BLK - RED WITH BLACK TRACER
O/BLK - ORANGE WITH BLACK TRACER
BL/BLK - BLUE WITH BLACK TRACER
WH/BLK - WHITE WITH BLACK TRACER
BLK - BLACK
BLK/WH - BLACK WITH WHITE TRACER
G/BLK - GREEN WITH BLACK TRACER
G - GREEN



STANDARD PLATES

PLATE NO.	TITLE
* 8110C	TRAFFIC SIGNAL BRACKETING (POLE MOUNTED)
* 8111B	TRAFFIC SIGNAL BRACKETING (PEDESTAL MOUNTED)
* 8112C	PEDESTAL FOUNDATION
8113C	MAGNETIC VEHICLE DETECTOR INSTALLATION
* 8115C	PEDESTRIAN PUSH BUTTON INSTALLATION
* 8116C	STEEL GUARD POST
* 8117F	PRECAST CONCRETE HANDHOLE
8118C	SERVICE EQUIPMENT & POLE, TRAFFIC CONTROL SIGNALS
8119C	GROUND MOUNTED CABINET FOUNDATION
* 8120G	P-80 & P-90 POLE FOUNDATION
* 8121B	TRANSFORMER BASE WITH POLE BASE PLATE
* 8122C	PEDESTAL AND PEDESTAL BASE
* 8123B	POLE AND MAST ARM (LUMINAIRES AND TRAFFIC LIGHTS)
* 8124C	SIGNAL HEAD MOUNTS
8125A	SWING-AWAY HINGE (FOR TRAFFIC SIGNAL ARM MAST)
* 8130D	SAW CUT LOOP DETECTORS
* 0003A	SPECIFICATION REFERENCE TO STANDARD PLATES

* STANDARD PLATES APPLICABLE TO THIS PROJECT

STATEMENT OF ESTIMATED QUANTITIES

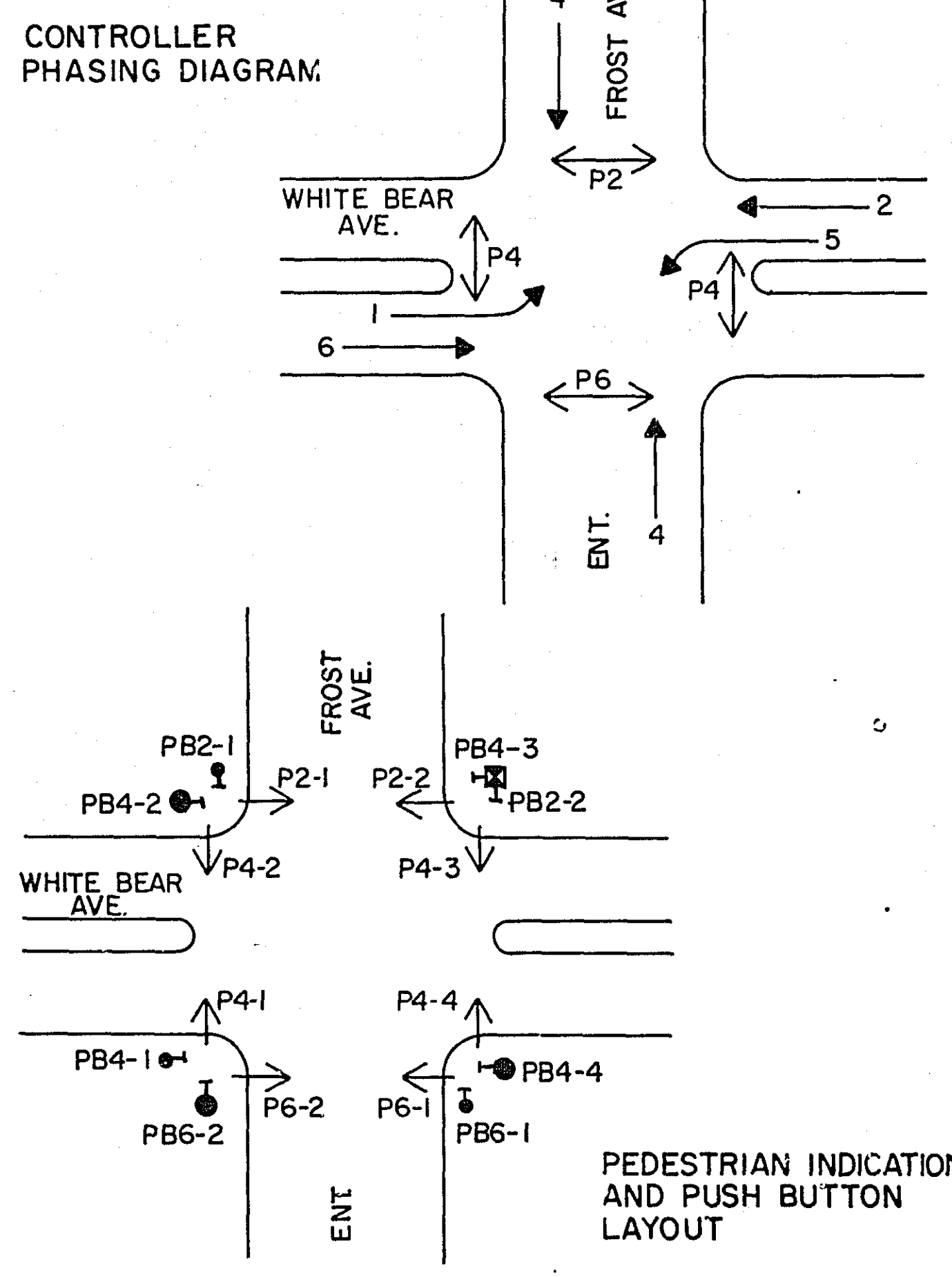
PROJECT NO.	ITEM NO.	ITEM	UNIT	QUANT.
62-665-22	2565.501	FULL TRAFFIC ACTUATED TRAFFIC CONTROL SYSTEM	SIGNAL SYSTEM	1
TRF 537-T31	0565.604	EMERGENCY VEHICLE PRE-EMPTION	SYSTEM	1
62-665-22	0565.603	3" RIGID STEEL CONDUIT (R.S.C.)	L.F.	110
62-665-22	0565.603	25 PAIR #19 CABLE	L.F.	2,880

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Date 12-2-82 Reg. No 12703

DETAILS
WHITE BEAR AVE. & FROST AVE.

LEGEND OF SYMBOLS

SIGNAL BASE No.	
SIGNAL FACE No.	
CONTROLLER AND CABINET	
CONTROLLER AND CABINET-INPLACE	
HANDHOLE	
HANDHOLE-INPLACE	
RIGID STEEL CONDUIT (R.S.C.)	
RIGID STEEL CONDUIT (R.S.C.)-INPLACE	
SIGNAL FACE	
SIGNAL FACE WITH BACKGROUND SHIELD	
SIGNAL FACE - INPLACE	
PEDESTRIAN INDICATIONS	
PEDESTRIAN INDICATIONS-INPLACE	
PEDESTRIAN PUSH BUTTON ON PEDESTAL OR POLE	
PEDESTRIAN PUSH BUTTON STATION	
TRAFFIC SIGNAL PEDESTAL	
TRAFFIC SIGNAL PEDESTAL-INPLACE	
TRAFFIC SIGNAL POLE AND MAST ARM	
TRAFFIC SIGNAL POLE AND MAST ARM-INPLACE	
MAST ARM AND LUMINAIRE	
MAST ARM AND LUMINAIRE-INPLACE	
WOOD POLE	
WOOD POLE-INPLACE	
SOURCE OF POWER	
EMERGENCY VEHICLE PRE-EMPTION DETECTOR LOCATION	
DIRECT BURIED CABLE	



SIGNAL INDICATION CHART

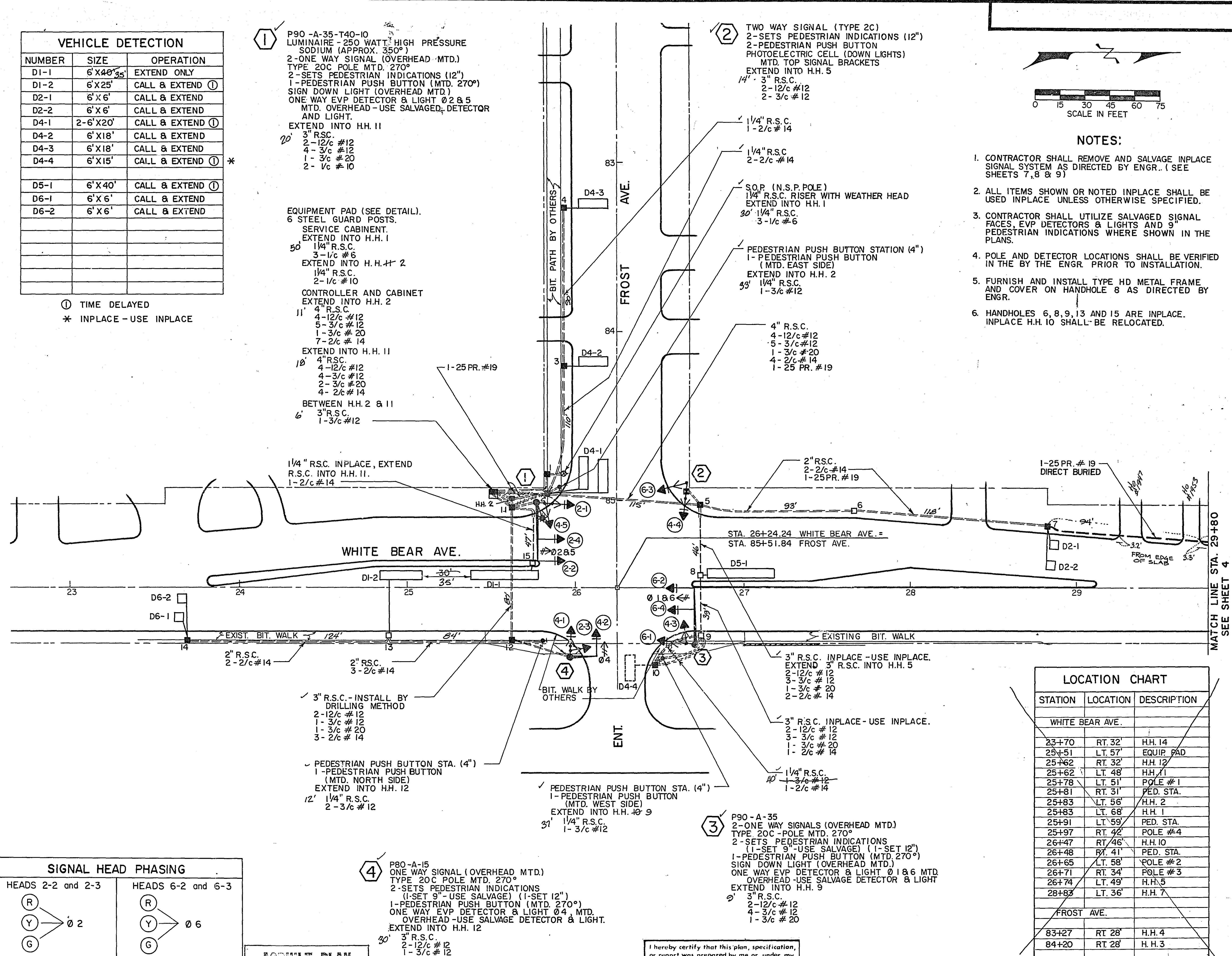
FACE	PHASE	FLASH	INDICATION SIZE					
			R	Y	G	Y	G	Y
2-1	2	Y	12"	12"	12"	-	-	-
** 2-2	2 and 5	Y	12"	12"	12"	12"	12"	12"
** 2-3	2 and 5	Y	12"	12"	12"	12"	12"	12"
2-4	2	Y	12"	12"	12"	-	-	-
4-1	4	R	12"	12"	12"	-	-	-
** 4-2	4	R	12"	12"	12"	-	-	-
4-3	4	R	12"	12"	12"	-	-	-
4-4	4	R	12"	12"	12"	-	-	-
4-5	4	R	12"	12"	12"	-	-	-
6-1	6	Y	12"	12"	12"	-	-	-
** 6-2	6 and 1	Y	12"	12"	12"	12"	12"	12"
** 6-3	6 and 1	Y	12"	12"	12"	12"	12"	12"
6-4	6	Y	12"	12"	12"	-	-	-

** NEW SIGNAL FACE, ALL OTHERS ARE SALVAGED SIGNAL FACES FROM INPLACE SYSTEM (SEE NOTE 3)

VEHICLE DETECTION

NUMBER	SIZE	OPERATION
D1-1	6'X40'	EXTEND ONLY
D1-2	6'X25'	CALL & EXTEND ①
D2-1	6'X6'	CALL & EXTEND
D2-2	6'X6'	CALL & EXTEND
D4-1	2-6'X20'	CALL & EXTEND ①
D4-2	6'X18'	CALL & EXTEND
D4-3	6'X18'	CALL & EXTEND
D4-4	6'X15'	CALL & EXTEND ① *
D5-1	6'X40'	CALL & EXTEND ①
D6-1	6'X6'	CALL & EXTEND
D6-2	6'X6'	CALL & EXTEND

① TIME DELAYED
* INPLACE - USE INPLACE



LOCATION CHART

STATION	LOCATION	DESCRIPTION
WHITE BEAR AVE.		
23+70	RT. 32'	H.H. 14
25+51	LT. 57'	EQUIP. PAD
25+62	RT. 32'	H.H. 12
25+62	LT. 48'	H.H. 11
25+78	LT. 51'	POLE #1
25+81	RT. 31'	PED. STA.
25+83	LT. 56'	H.H. 2
25+83	LT. 68'	H.H. 1
25+91	LT. 59'	PED. STA.
25+97	RT. 42'	POLE #4
26+47	RT. 46'	H.H. 10
26+48	RT. 41'	PED. STA.
26+65	LT. 58'	POLE #2
26+71	RT. 34'	POLE #3
26+74	LT. 49'	H.H. 5
28+83	LT. 36'	H.H. 7
FROST AVE.		
83+27	RT. 28'	H.H. 4
84+20	RT. 28'	H.H. 3

INTERSECTION LAYOUT
WHITE BEAR AVE & FROST AVE.

ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *R. Weber*
DATE: 4-19-84

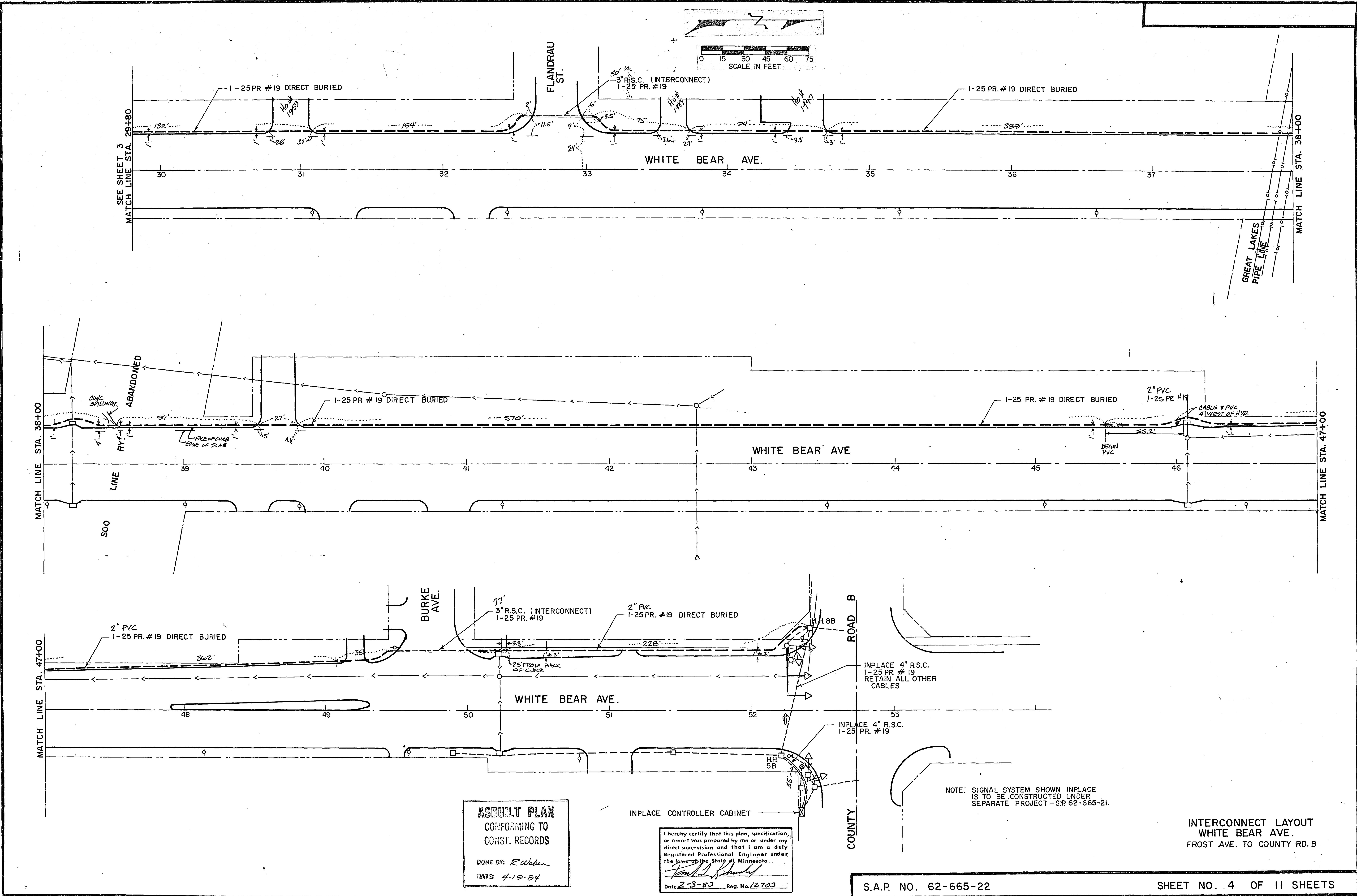
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Paul A. Weber
Date 12-2-82 Reg. No. 12703

S.A.P. NO. 62-665-22

SHEET NO. 3 OF 11 SHEETS

23-130

DRAWING NUMBER
23-130
DRAWING NUMBER
23-130
DRAWING NUMBER
23-130
DRAWING NUMBER
23-130



ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *R. Allen*
DATE: 4-10-84

I hereby certify that this plan, specification,
or report was prepared by me or under my
direct supervision and that I am a duly
Registered Professional Engineer under
the laws of the State of Minnesota.
Tom J. Schmitt
Date 2-3-83 Reg. No. 12703

NOTE: SIGNAL SYSTEM SHOWN INPLACE
IS TO BE CONSTRUCTED UNDER
SEPARATE PROJECT - S.P. 62-665-21.

INTERCONNECT LAYOUT
WHITE BEAR AVE.
FROST AVE. TO COUNTY RD. B

S.A.P. NO. 62-665-22

SHEET NO. 4 OF 11 SHEETS

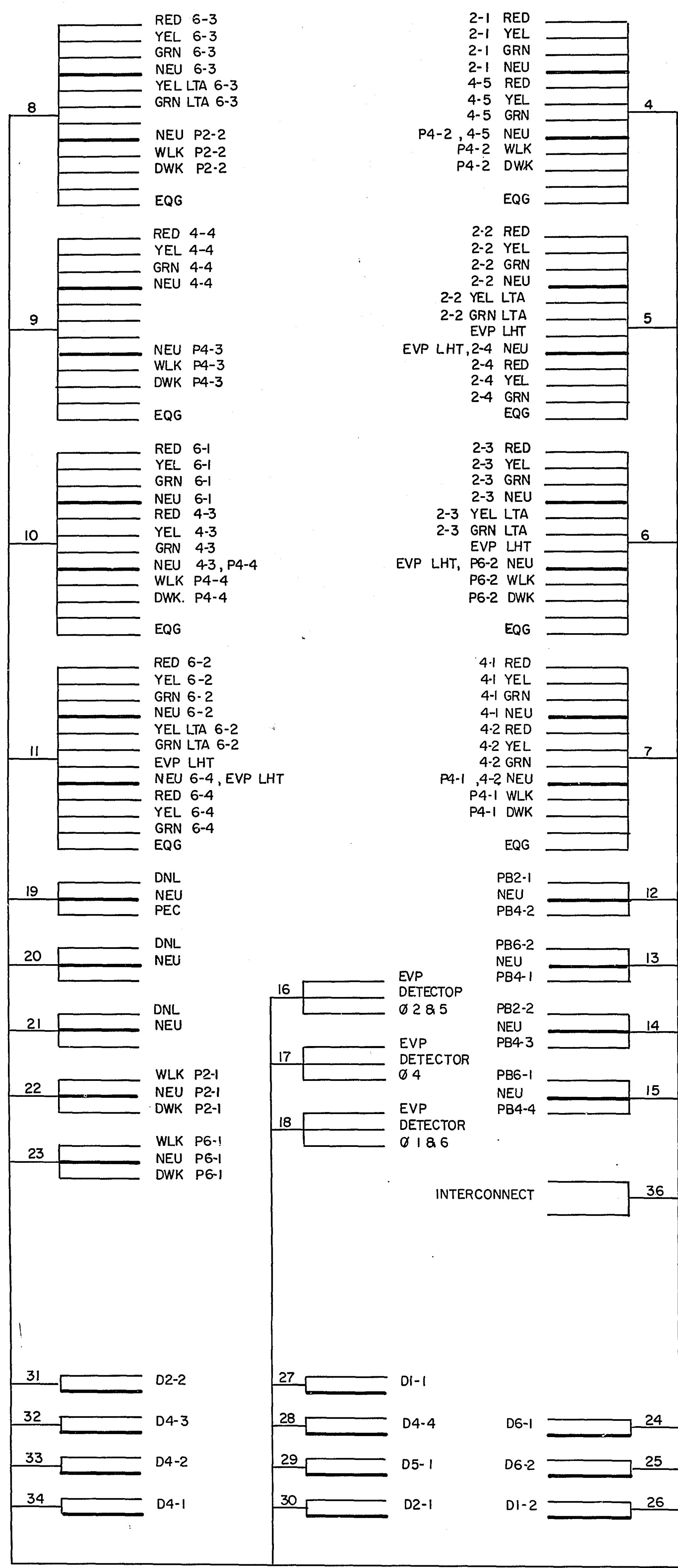
DRAWING NUMBER

23-130

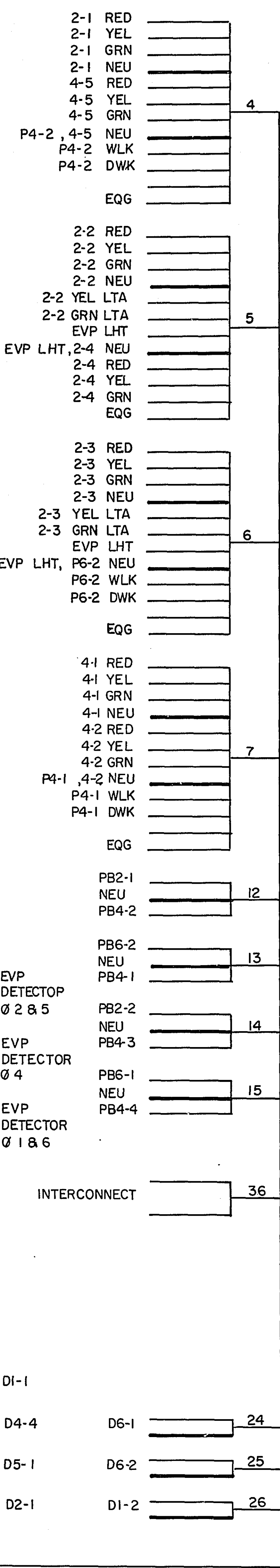
DRAWING NUMBER

DRAWING NUMBER

CONTROLLER CABINET

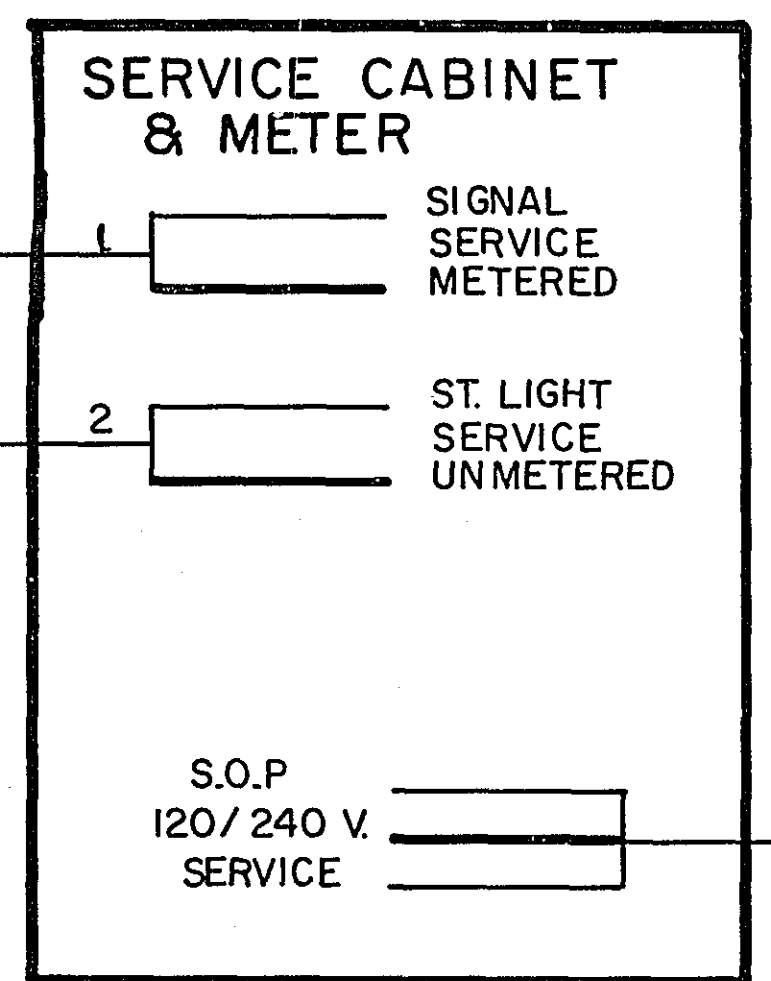


SIGNAL SERVICE



S.O.P.

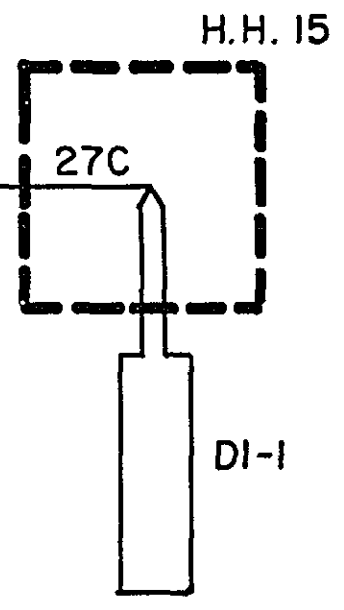
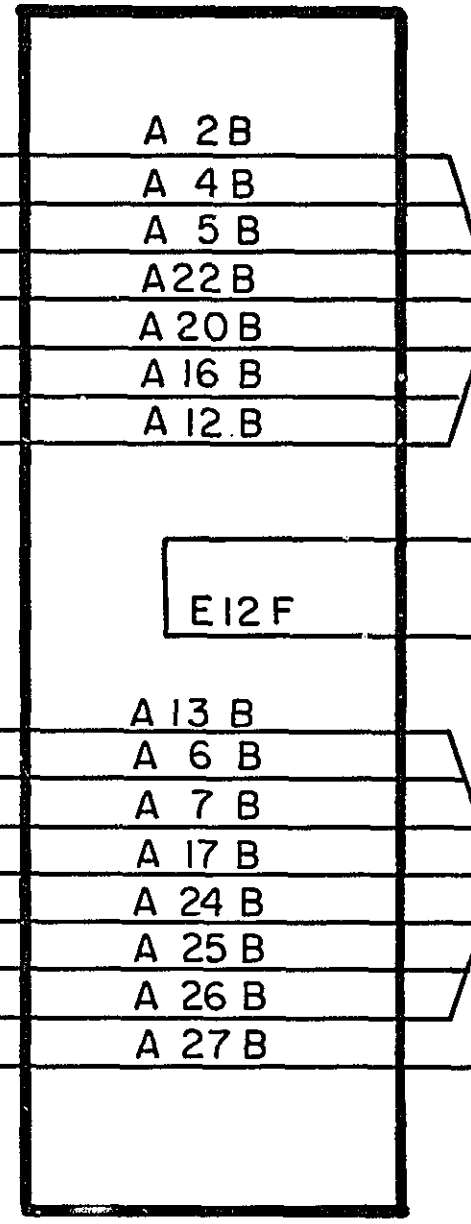
H.H. 1



TO H.H. 2
SEE SHEET 6

FROM H.H. 2
SEE SHEET 6

H.H. 11

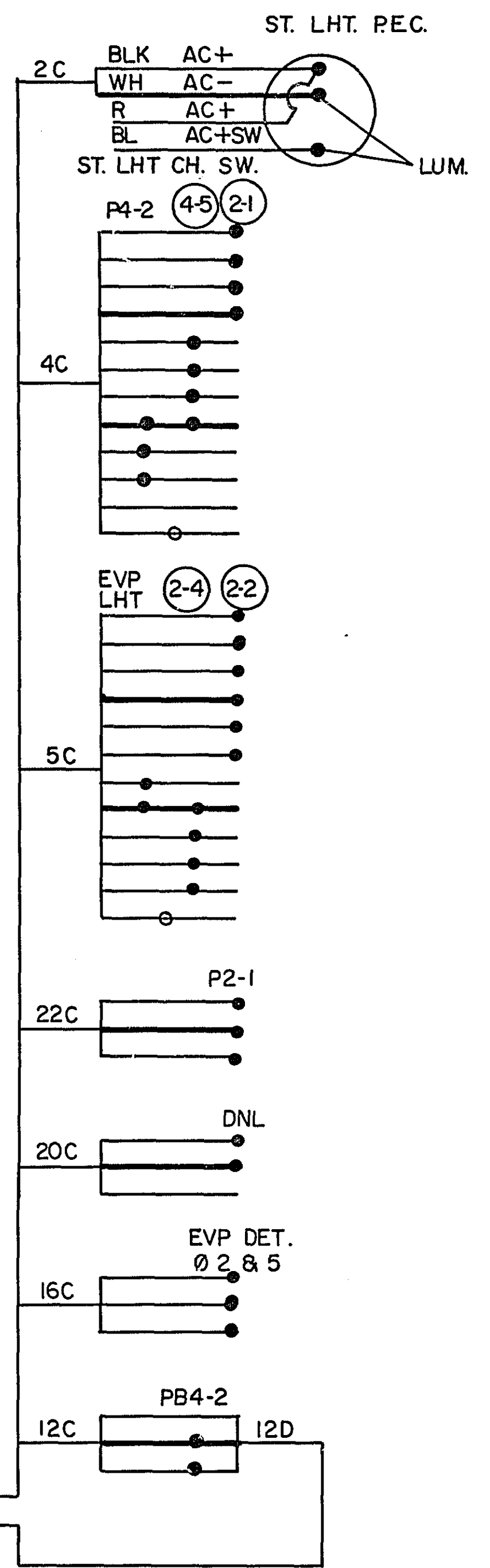


TO H.H. 2
SEE SHEET 6

ASBUILT PLAN
CONFORMING TO
CONST. RECORDS

DONE BY: *R. Nelson*
DATE: 4-19-84

1

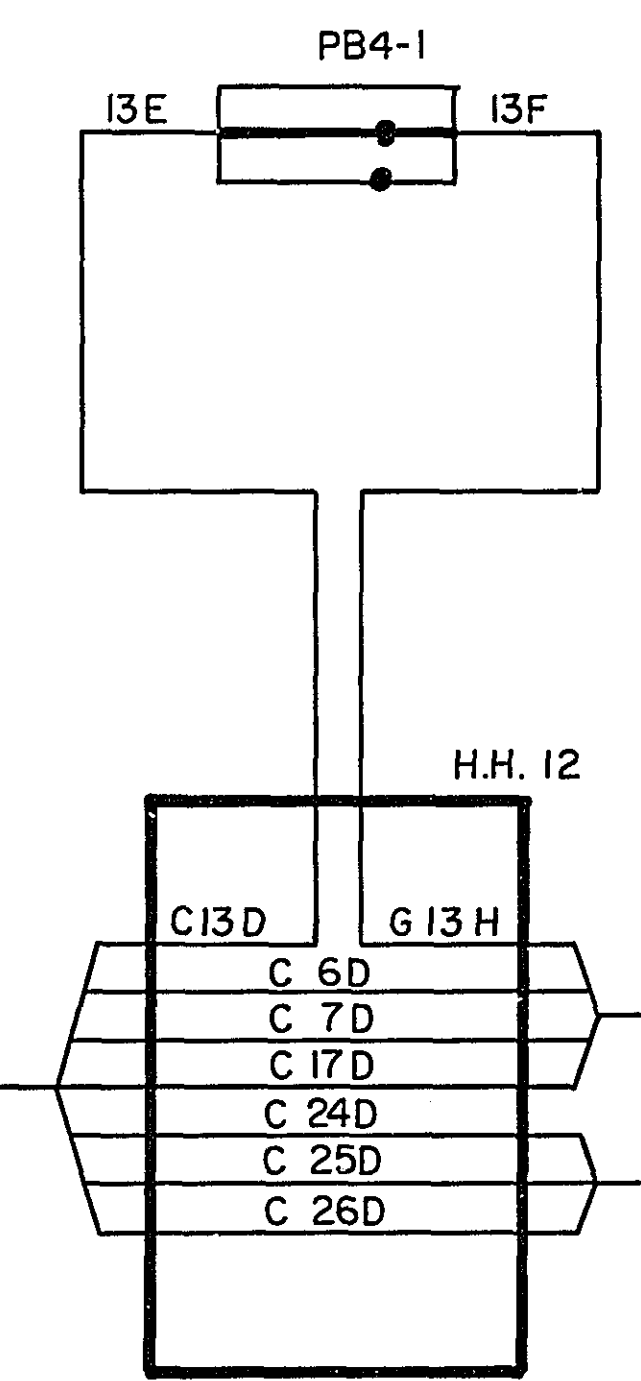


CONDUCTOR COLOR CODING

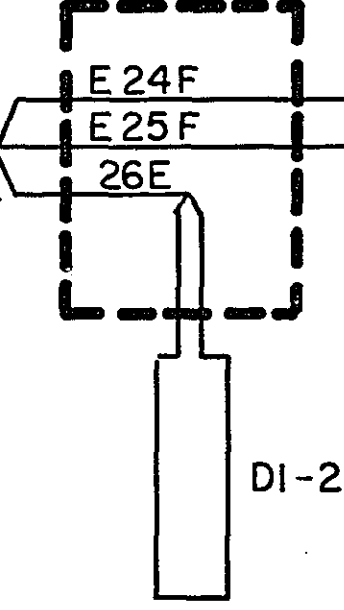
R	BLK
O	WH
BL	2-1/c #6
WH	2-1/c #10
R/BLK	R
O/BLK	WH
BL/BLK	3/c #12
WH/BLK	BLK
BLK	BLK
BLK/WH	CLEAR
G/BLK	2/c #14
G	

NOTE: ALL TERMINAL BLOCK CONNECTIONS SHALL BE ARRANGED AS SPECIFIED ABOVE.

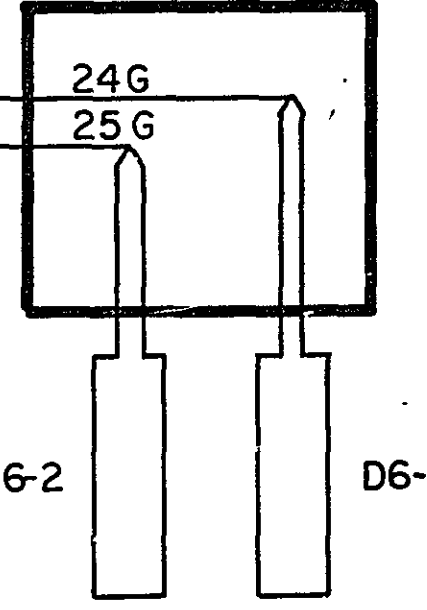
PED. PUSH BUTTON STA.



H.H. 13



H.H. 14



FIELD WIRING DIAGRAM
WHITE BEAR AVE. & FROST AVE.

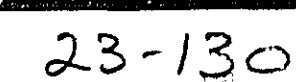
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

Paul K. Kelly
Date: 12-2-82 Reg. No. 12702

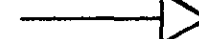
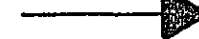
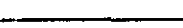
S.A.P. NO. 62-665-22

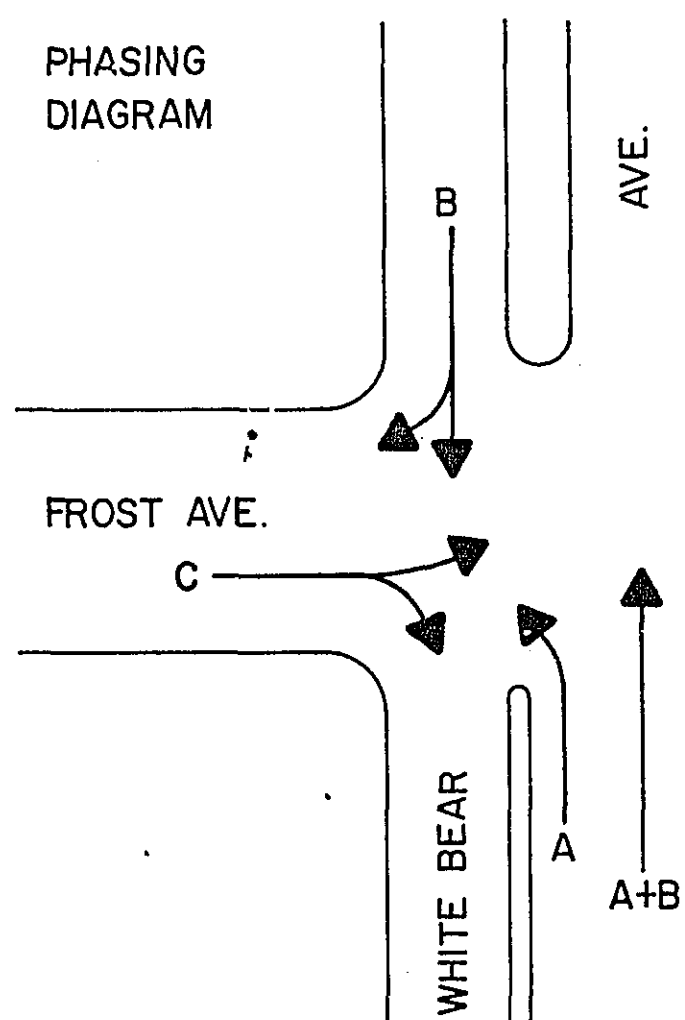
SHEET NO 5 OF 11 SHEETS

23-130

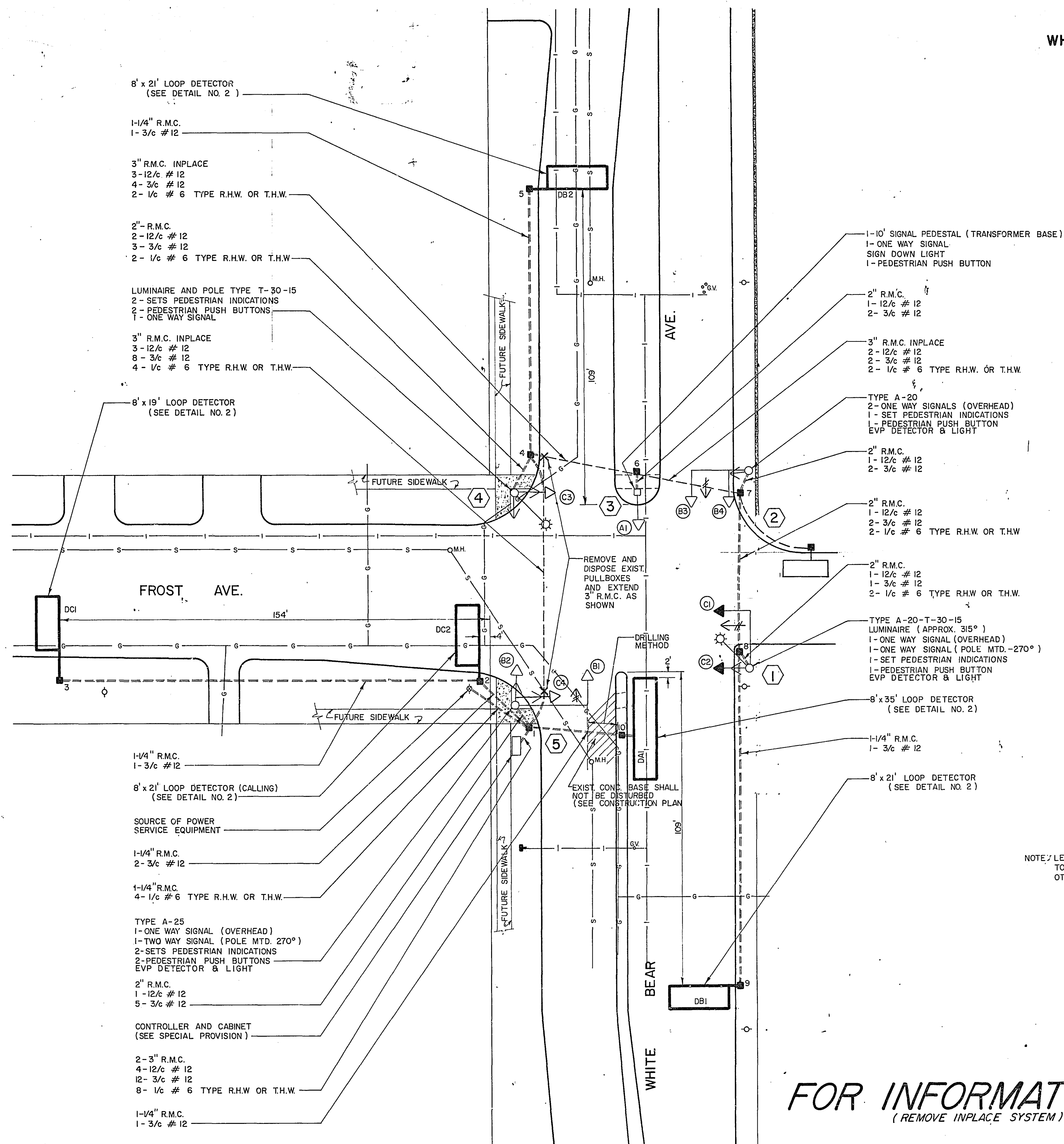


LEGEND OF SYMBOLS

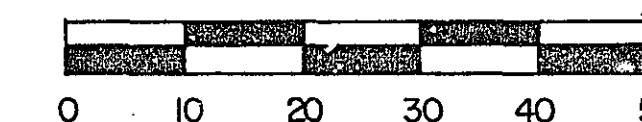
	CONTROLLER
	PEDESTAL
	HANDHOLE (PULLBOX)
	RIGID METALLIC CONDUIT (R.M.C.)
	MAST ARM & POLE
	SIGNAL FACE
	SIGNAL FACE WITH BACKGROUND SHIELD
	MAST ARM & LUMINAIRE
	PEDESTRIAN INDICATION
	PEDESTRIAN PUSH BUTTON
	SOURCE OF POWER
	METAL GUARD POST
	RIGID METALLIC CONDUIT INPLACE
	HANDHOLE (PULLBOX) INPLACE

[illegible]

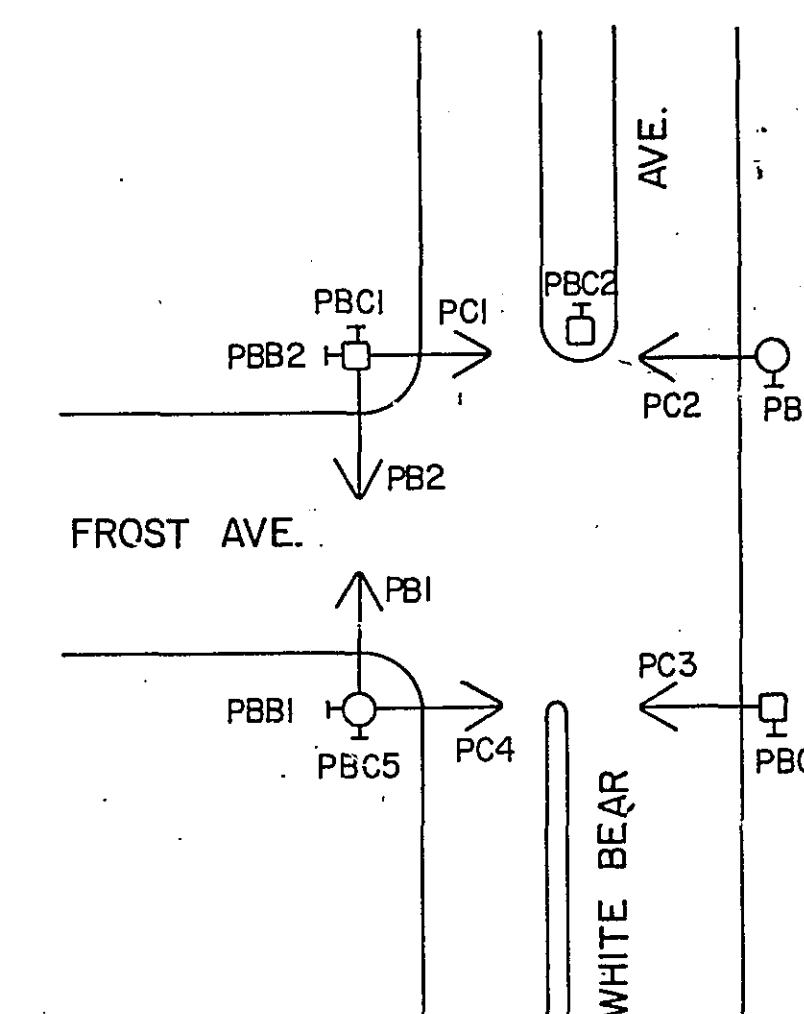
* SEE SPECIAL PROVISIONS (S-12.25)



WHITE BEAR AVE. & FROST AVE



PED. IND. & PUSHBUTTON LAYOUT



NOTE: LEFT TURN SIGN
TO BE PLACED BY
OTHERS.

FOR INFORMATION ONLY
(REMOVE INPLACE SYSTEM)

PLAN

S.A.P. NO. 62-665-22

SHEET NO. 7 OF 11 SHEETS

23-130

DRAWING NUMBER

23-130

DRAWING NUMBER

DRAWING NUMBER

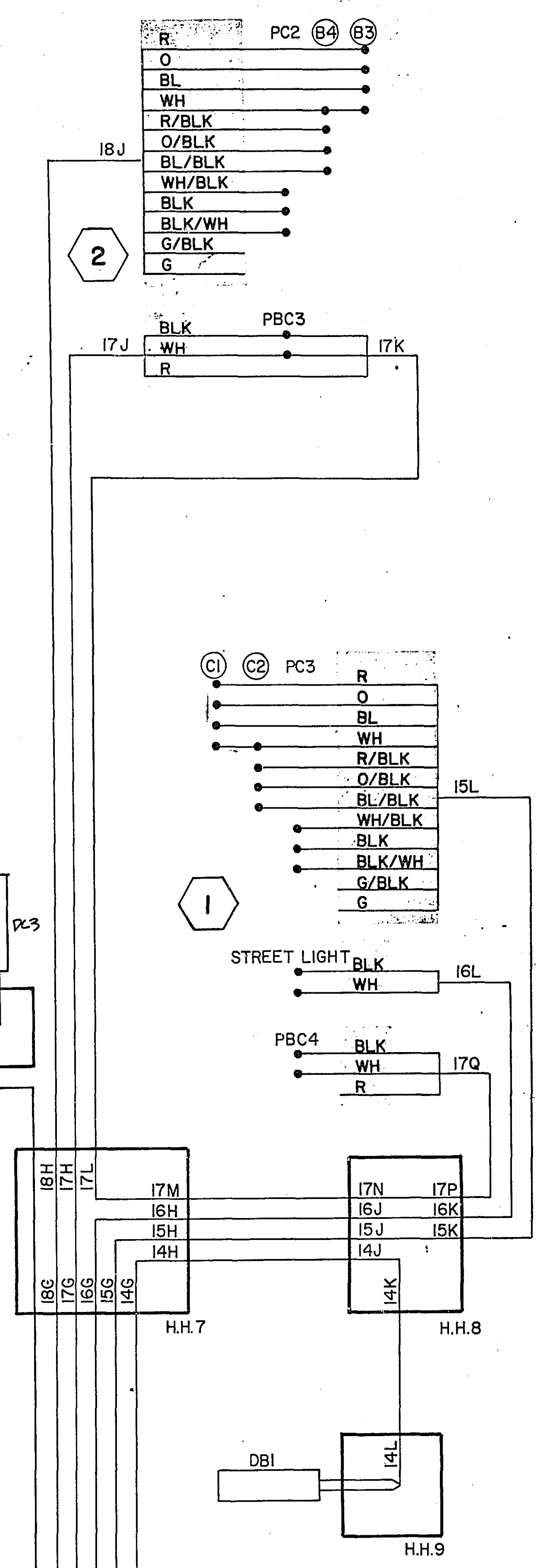
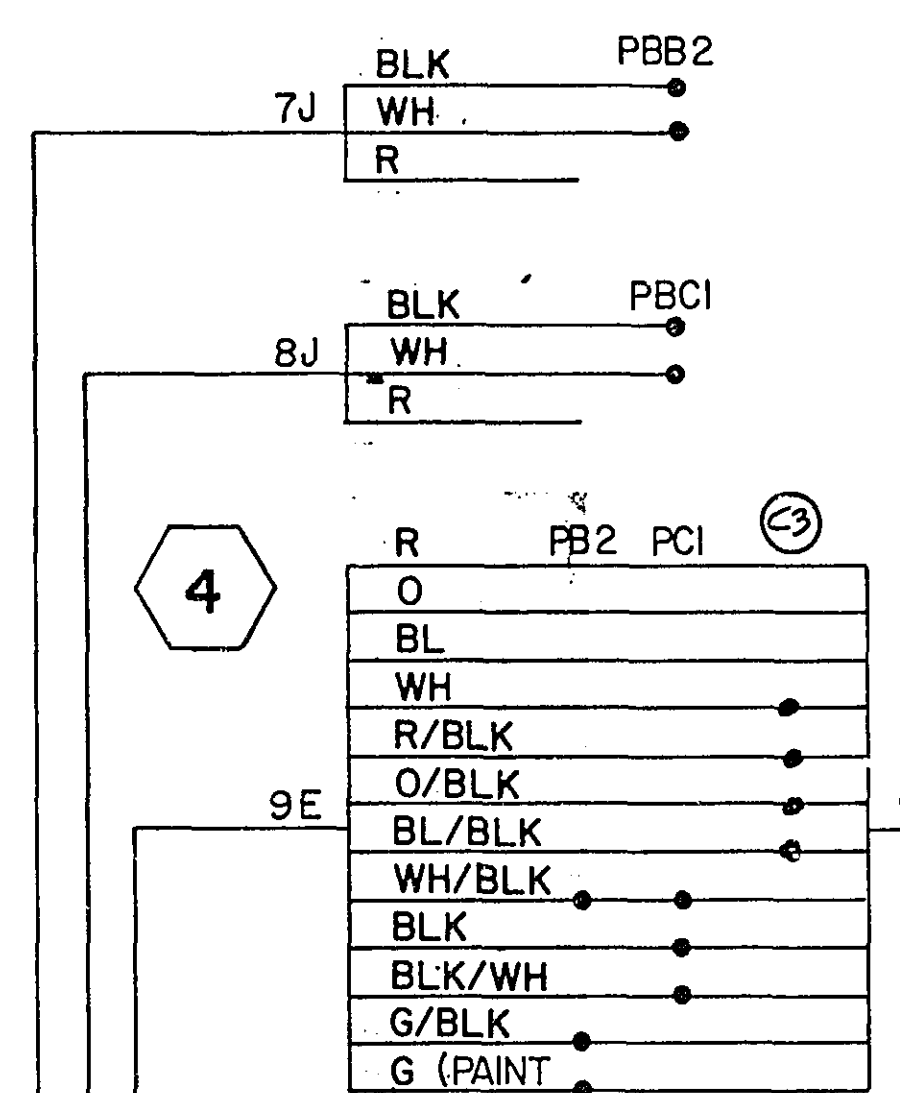
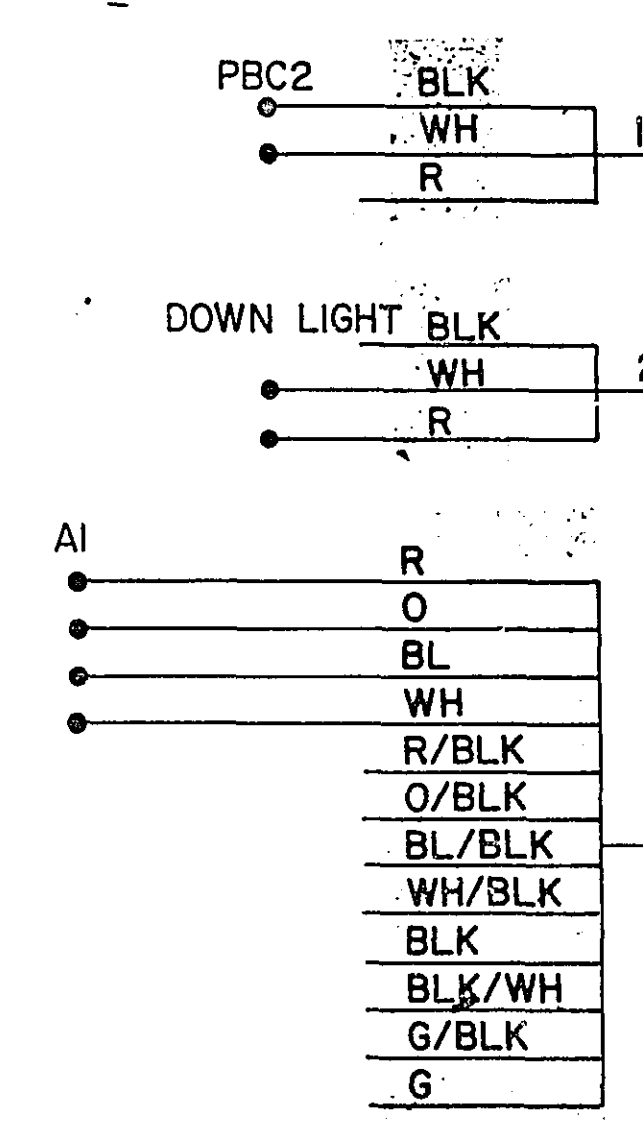
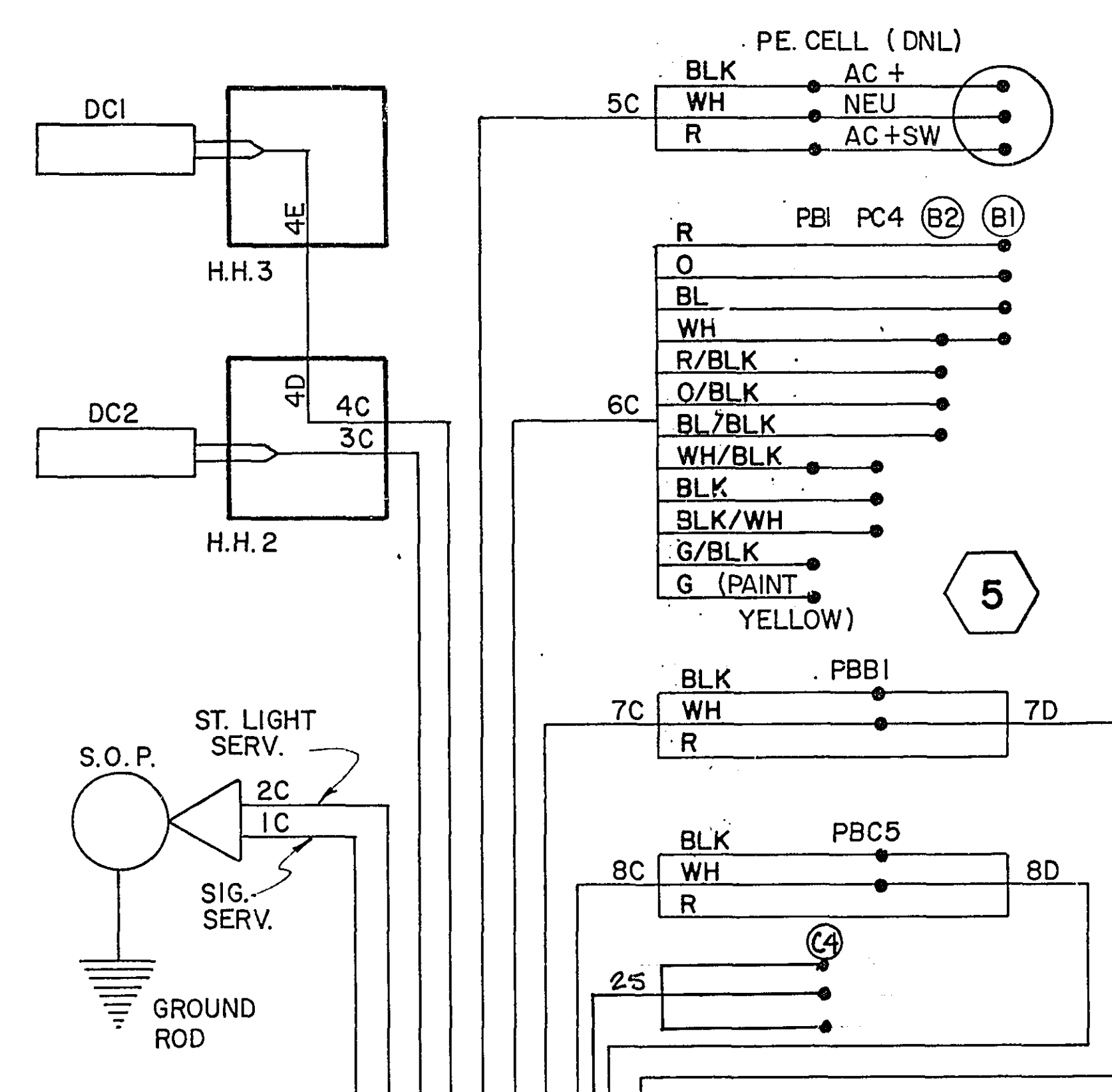
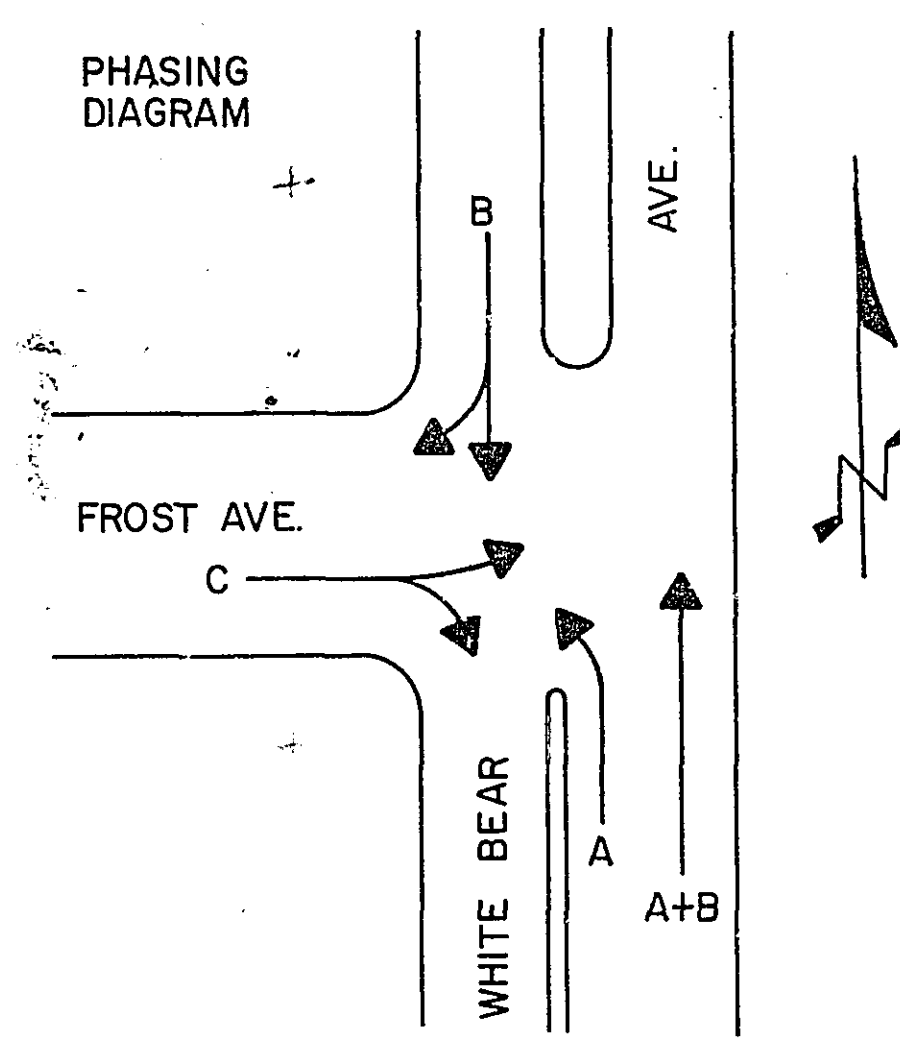
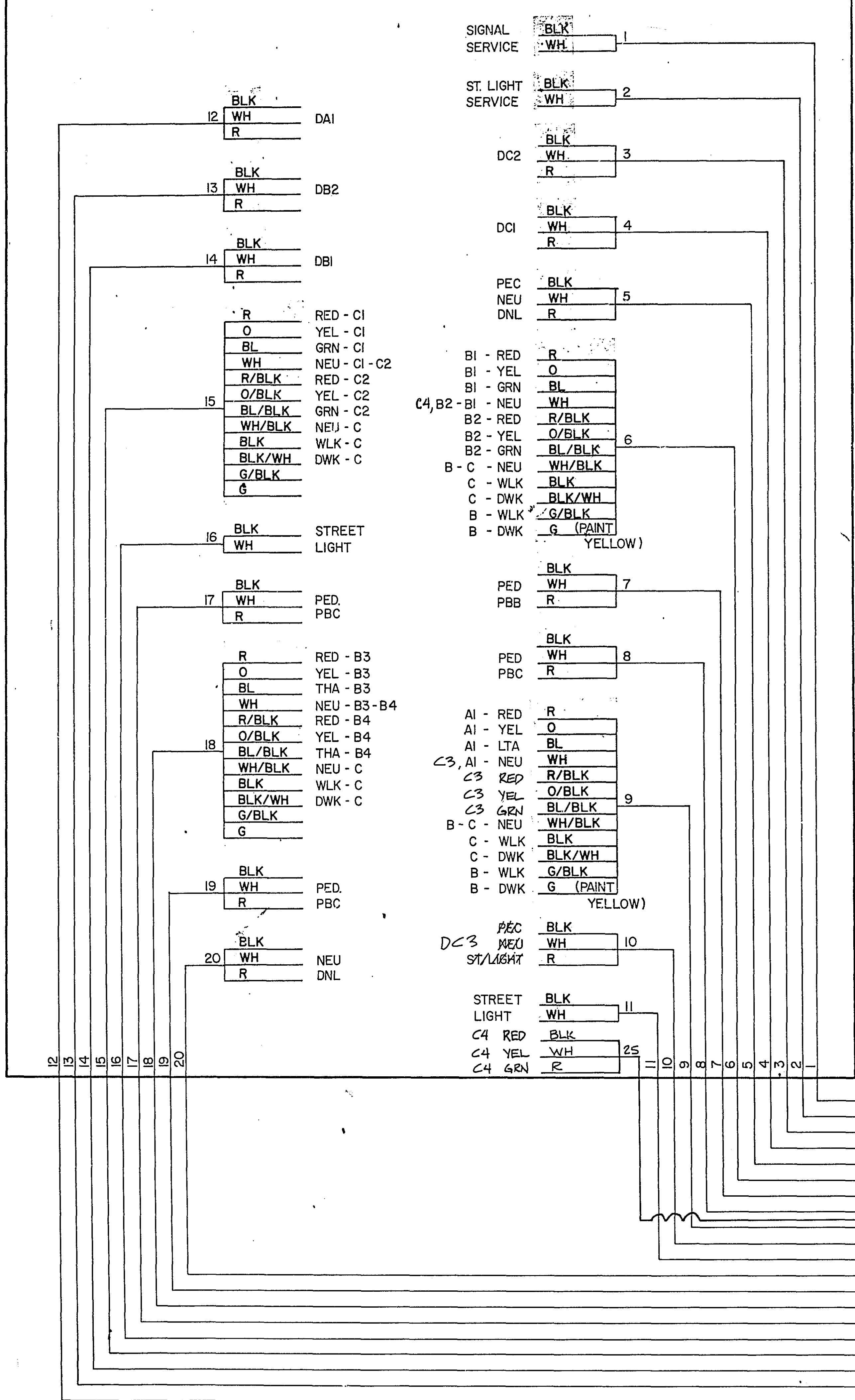
PAINTED CO. POSITION - WHITE COLORED
RECEIVED DATE

PAINTED CO. POSITION - WHITE COLORED
RECEIVED DATE

PAINTED CO. POSITION - WHITE COLORED
RECEIVED DATE

PAINTED CO. POSITION - WHITE COLORED
RECEIVED DATE

CONTROLLER CABINET



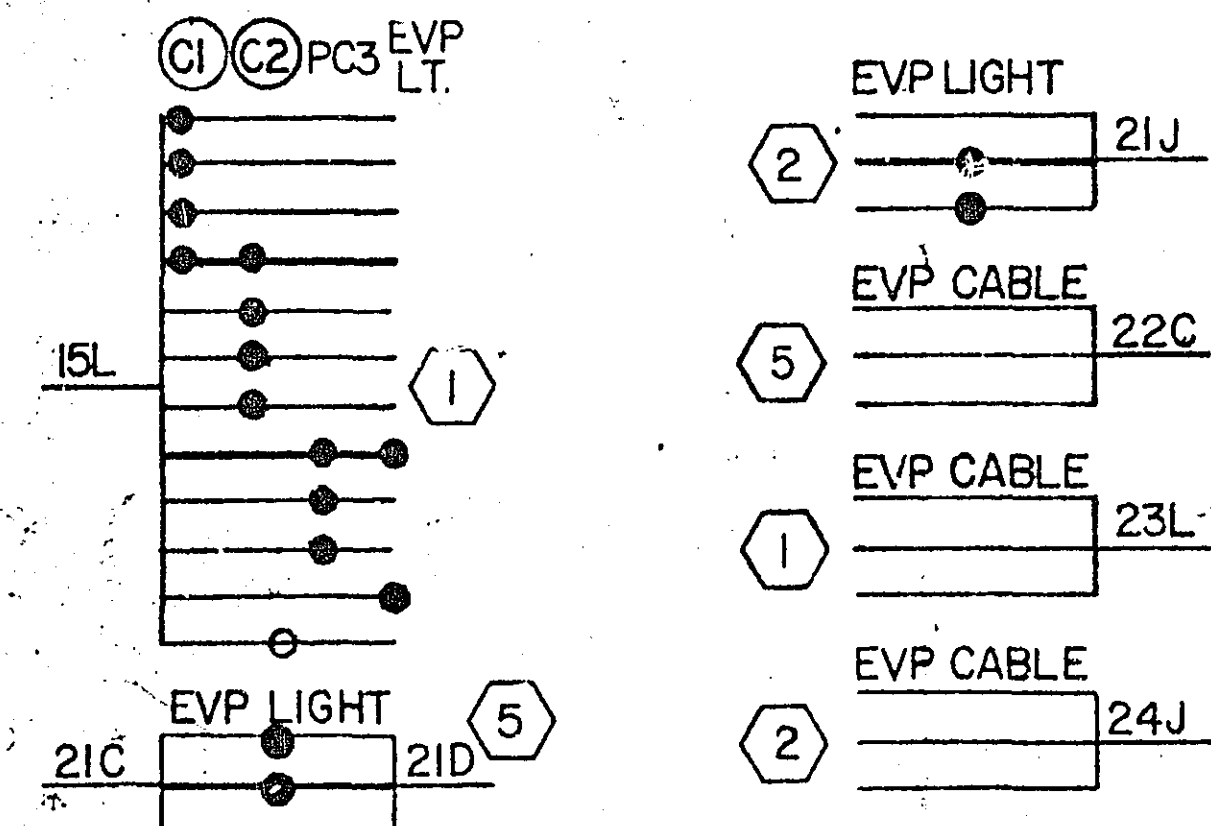
FOR INFORMATION ONLY
WIRING DIAGRAM
(INPLACE - REMOVE)

CONTROLLER CABINET REVISIONS

INPLACE CABLE	② EVP LT. NEW CABLE	21
RED C1	EVP LT. NEU	3/C#12
YEL C1	⑤ EVP LT.	
GRN C1	NEW CABLE	22
NEU C1 C2	EVP CABLE	3/C#20
RED C2		
YEL C2	① NEW CABLE	23
GRN C2	EVP CABLE	3/C#20
NEU PC3 EVP LT.		
WLK PC3	② NEW CABLE	24
DWK PC3	EVP CABLE	3/C#20
EVP LT. ①		
EQG		

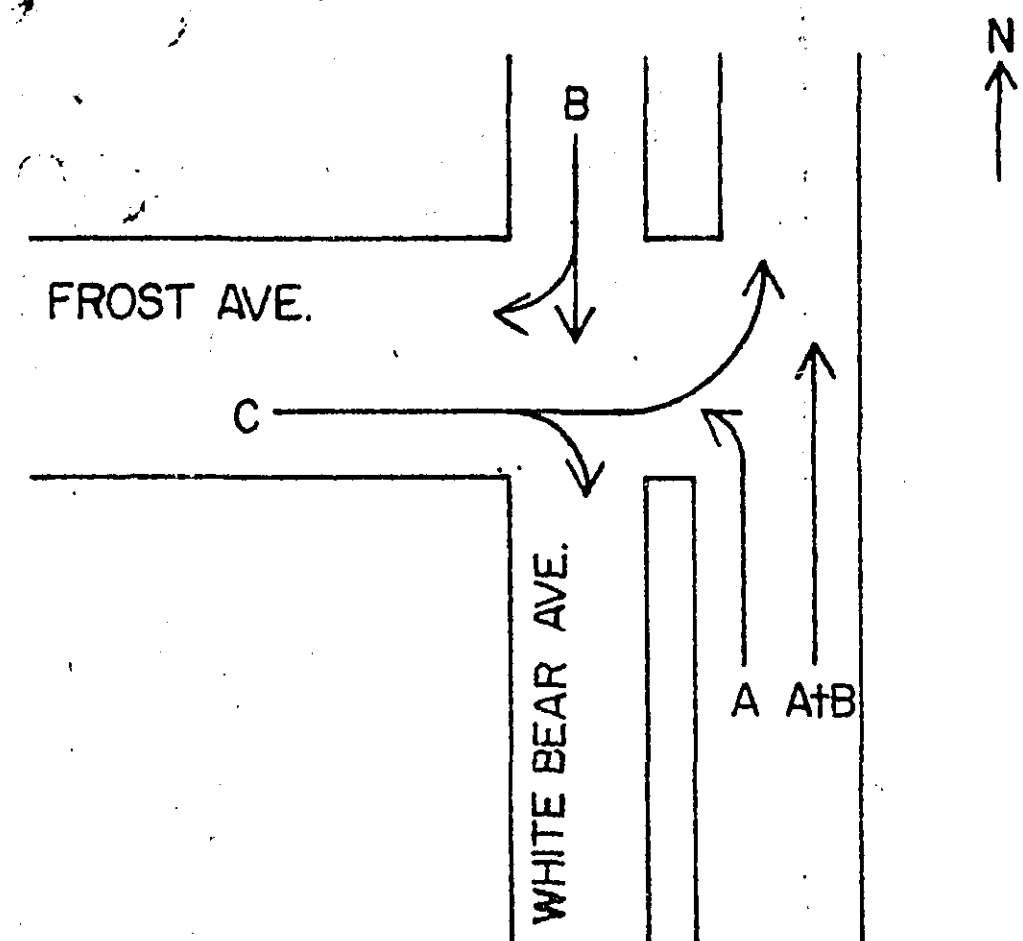
SEE SHEET NO. 7 FOR INPLACE WIRING

FIELD WIRING REVISIONS

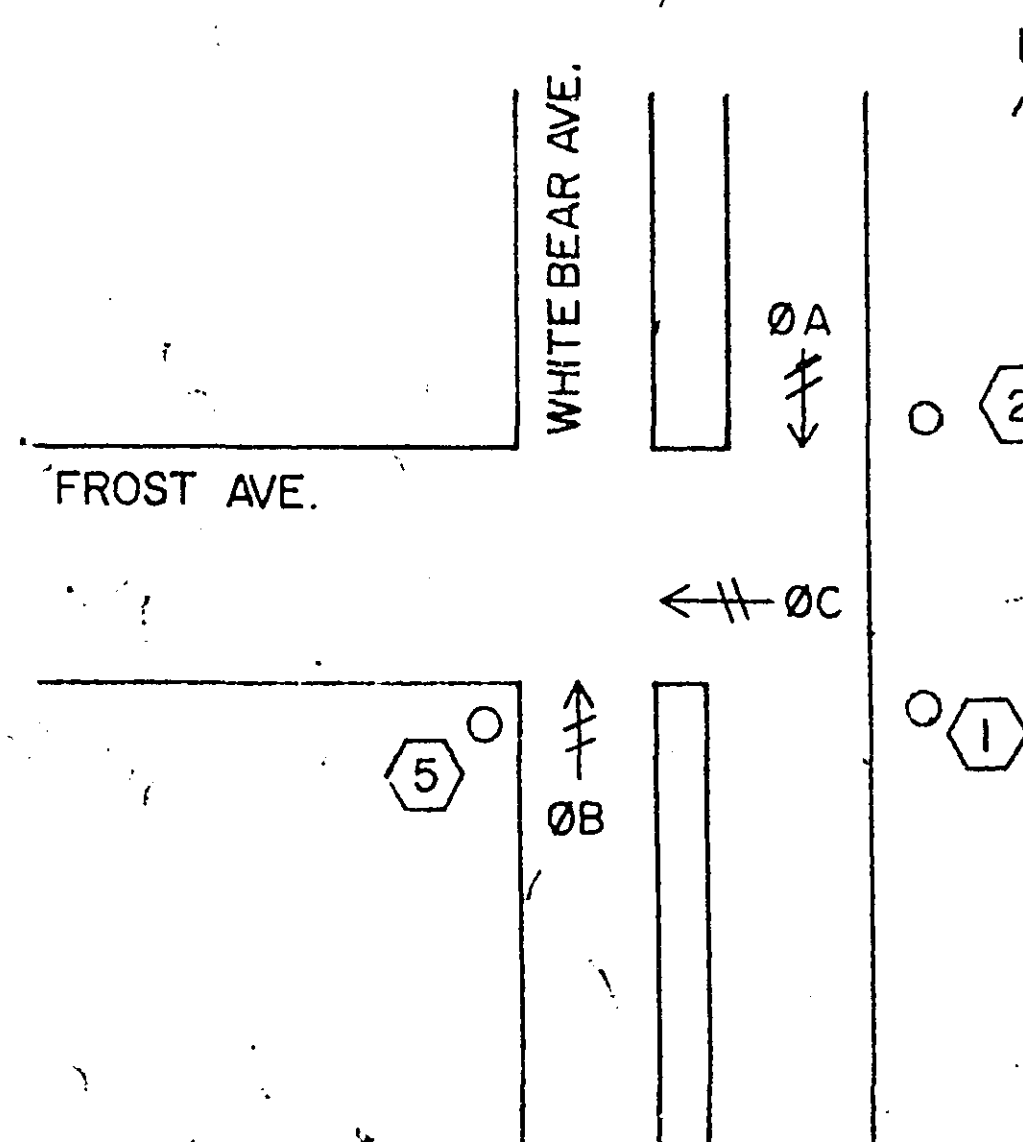


LABEL CABLES IN HAND HOLES AS DIRECTED BY ENGINEER

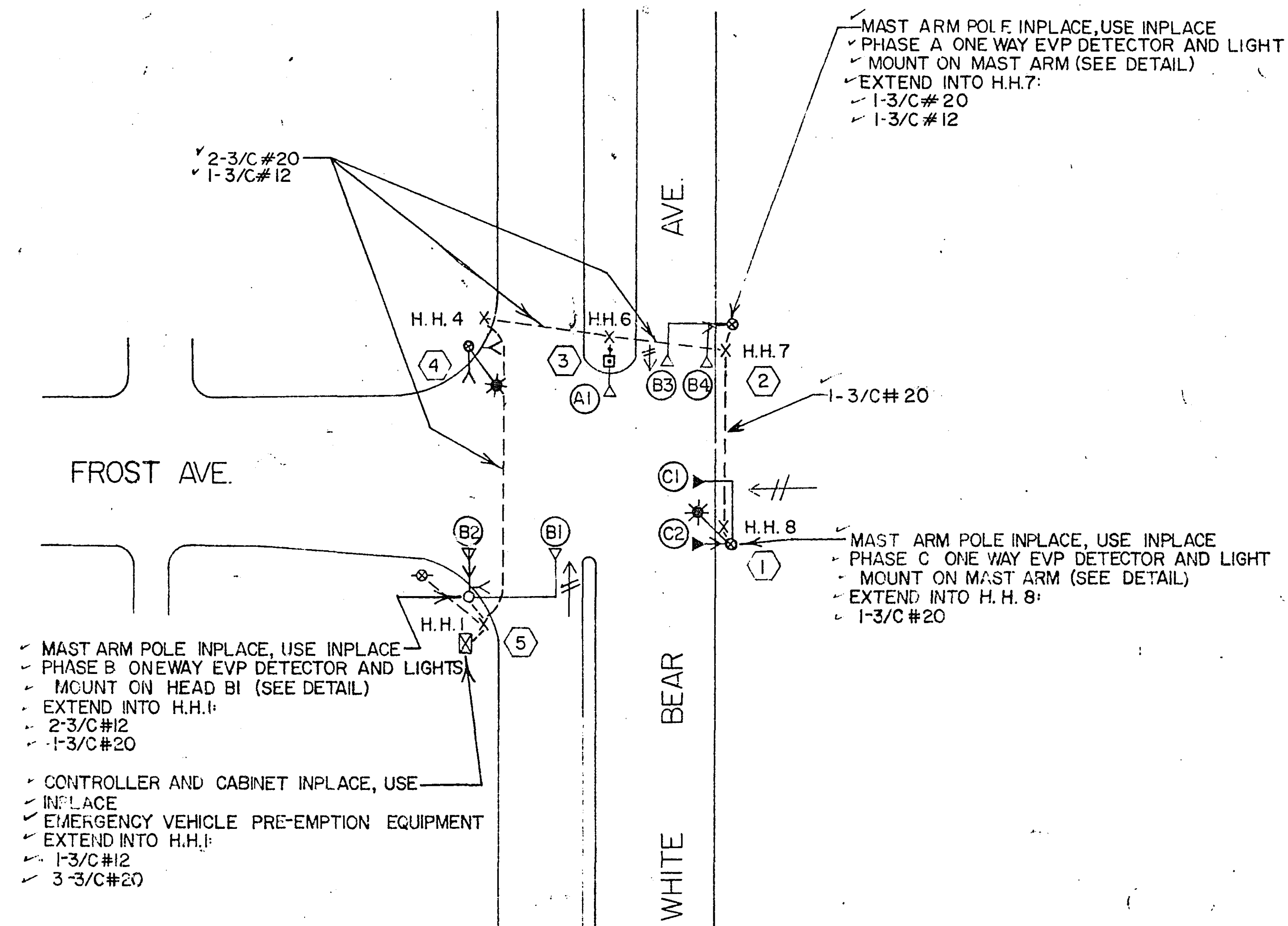
INPLACE CONTROLLER PHASING



EVP PHASING DIAGRAM

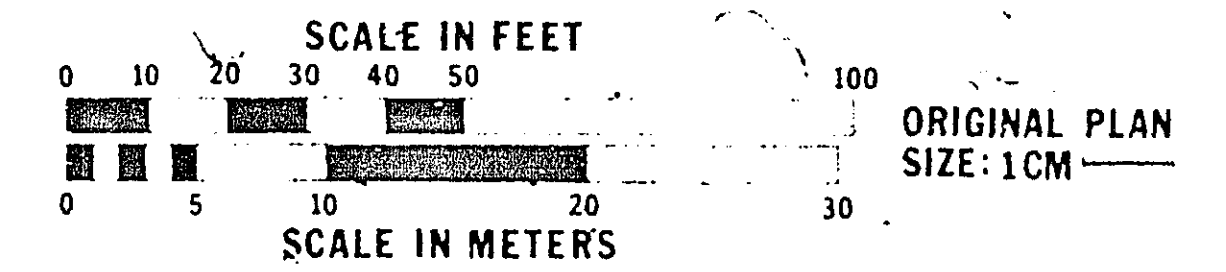


FACE	PHASE	FLASH	INDICATION SIZE					
			R	Y	G	←	↑	→
B1	B	R	12"	12"	12"	-	-	-
B2	B	R	12"	12"	12"	-	-	-
B3	A+B	R	12"	12"	-	-	12"	-
B4	A+B	R	12"	12"	-	-	12"	-
A1	A	R	12"	12"	-	-	12"	-
C1	C	R	12"	12"	12"	-	-	-
C2	C	R	12"	12"	12"	-	-	-



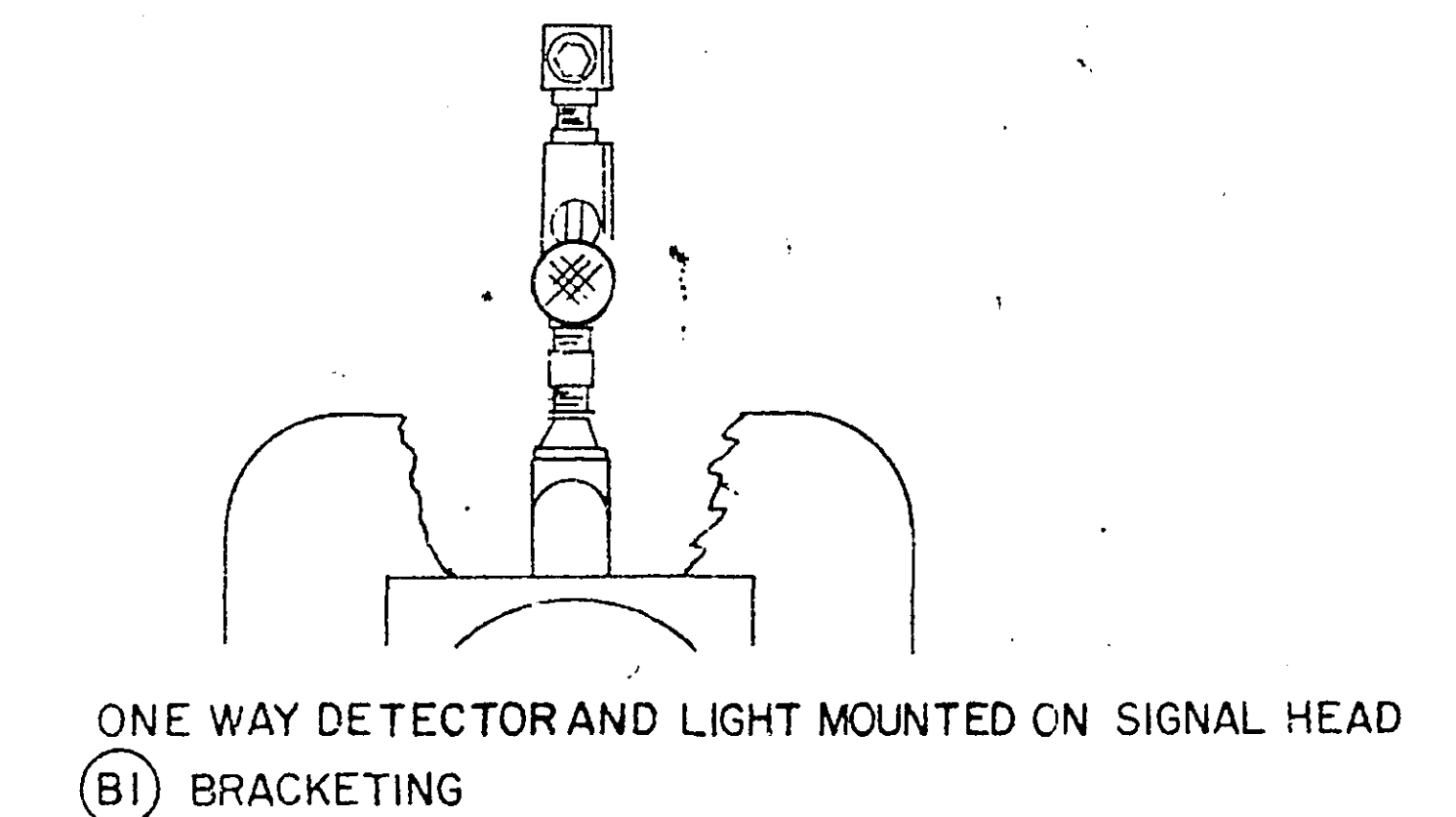
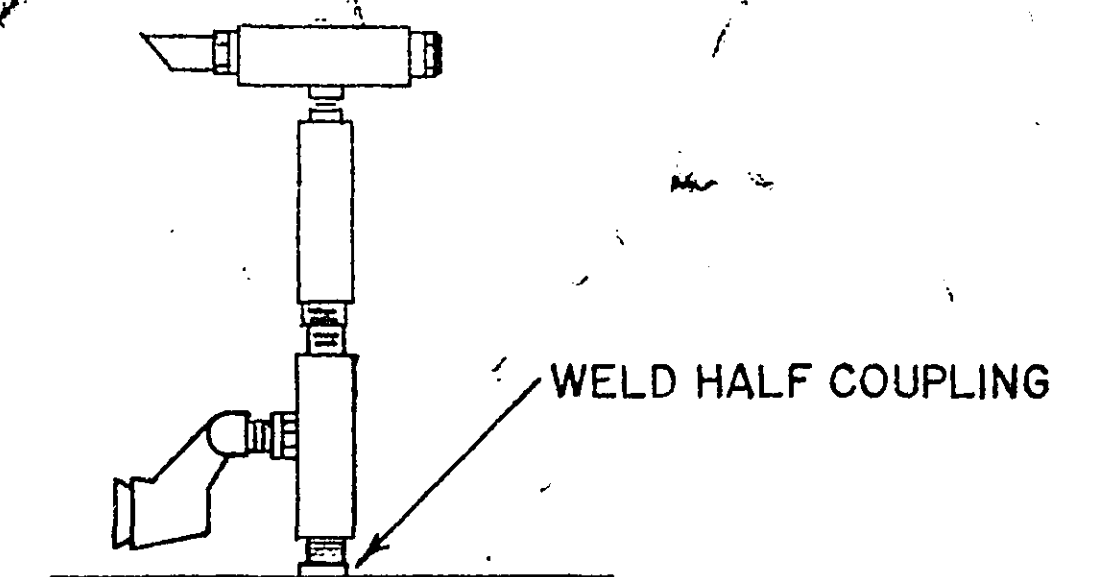
- NOTE:
- (1) RETAIN ALL INPLACE ITEMS
 - (2) INSTALL 3/4" HALF COUPLING APPROX 2' FROM THE END OF THE MAST ARM POLES 1 AND 2

Fed. Proj. No.



DETAILS

ONE WAY DETECTOR AND LIGHT, MOUNTED ON A MAST ARM POLES 1 & 2



INTERSECTION LAYOUT
WHITE BEAR AVE. AT FROST AVE.

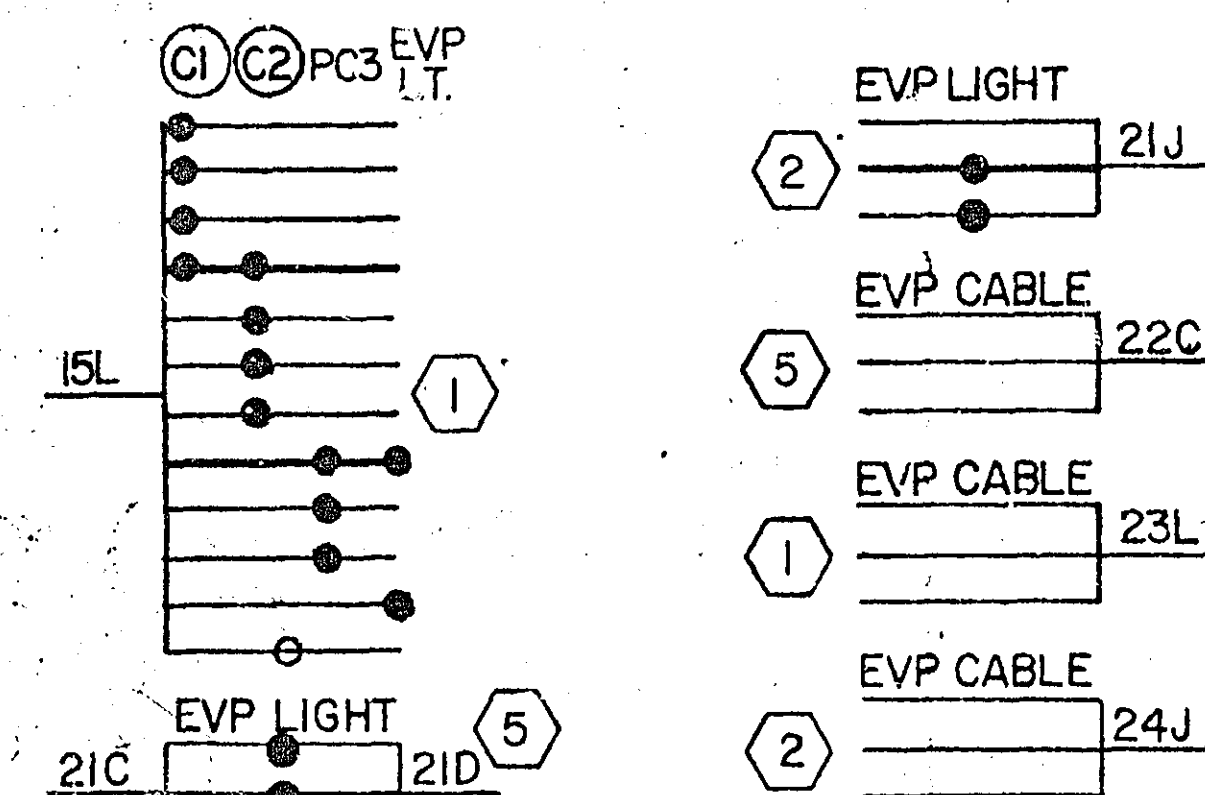
FOR INFORMATION ONLY
REMOVE INPLACE EVP SYSTEM

CONTROLLER CABINET REVISIONS

INPLACE CABLE	RED C1	NEW CABLE	21
	YEL C1	EVP LT. NEU	3/C#12
	GRN C1	NEW CABLE	22
	NEU C1 C2	EVP CABLE	3/C#20
	RED C2	NEW CABLE	23
15	YEL C2	EVP CABLE	3/C#20
	GRN C2	NEW CABLE	24
	NEU PC3 EVP LT.	EVP CABLE	3/C#20
	WLK PC3	NEW CABLE	24
	DWK PC3	EVP CABLE	3/C#20
	EVP LT. ①	NEW CABLE	24
	EQG	EVP CABLE	3/C#20

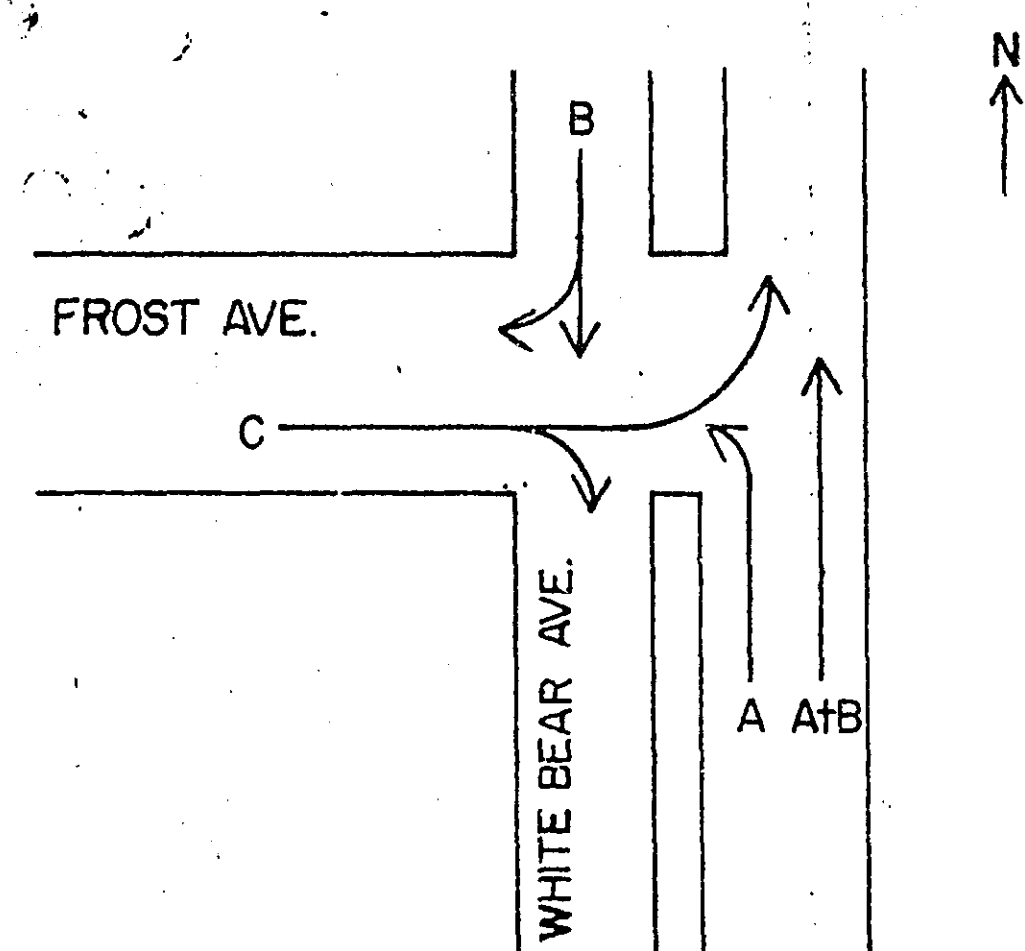
SEE SHEET NO. 7 FOR INPLACE WIRING

FIELD WIRING REVISIONS

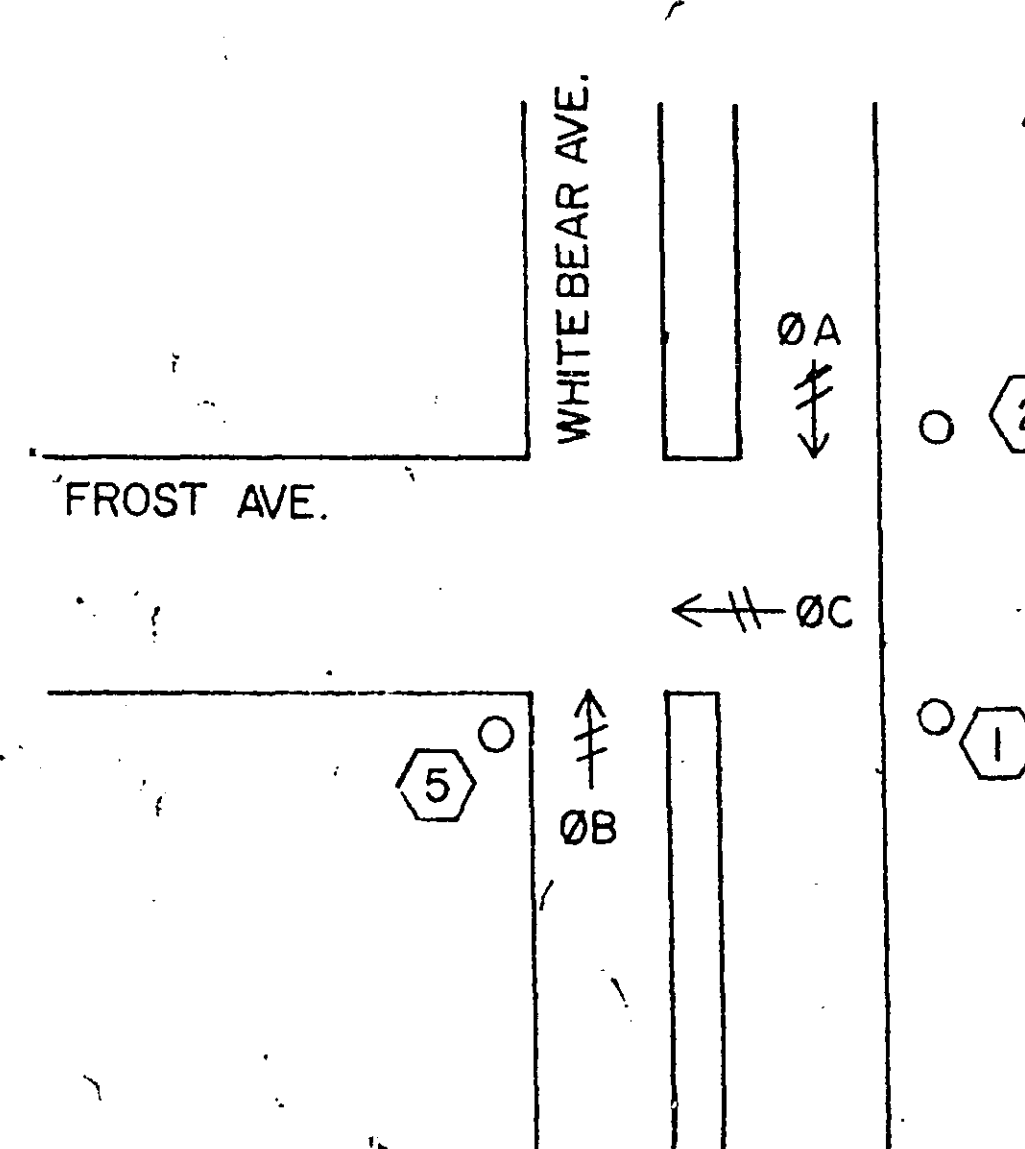


LABEL CABLES IN HAND HOLES AS DIRECTED BY ENGINEER

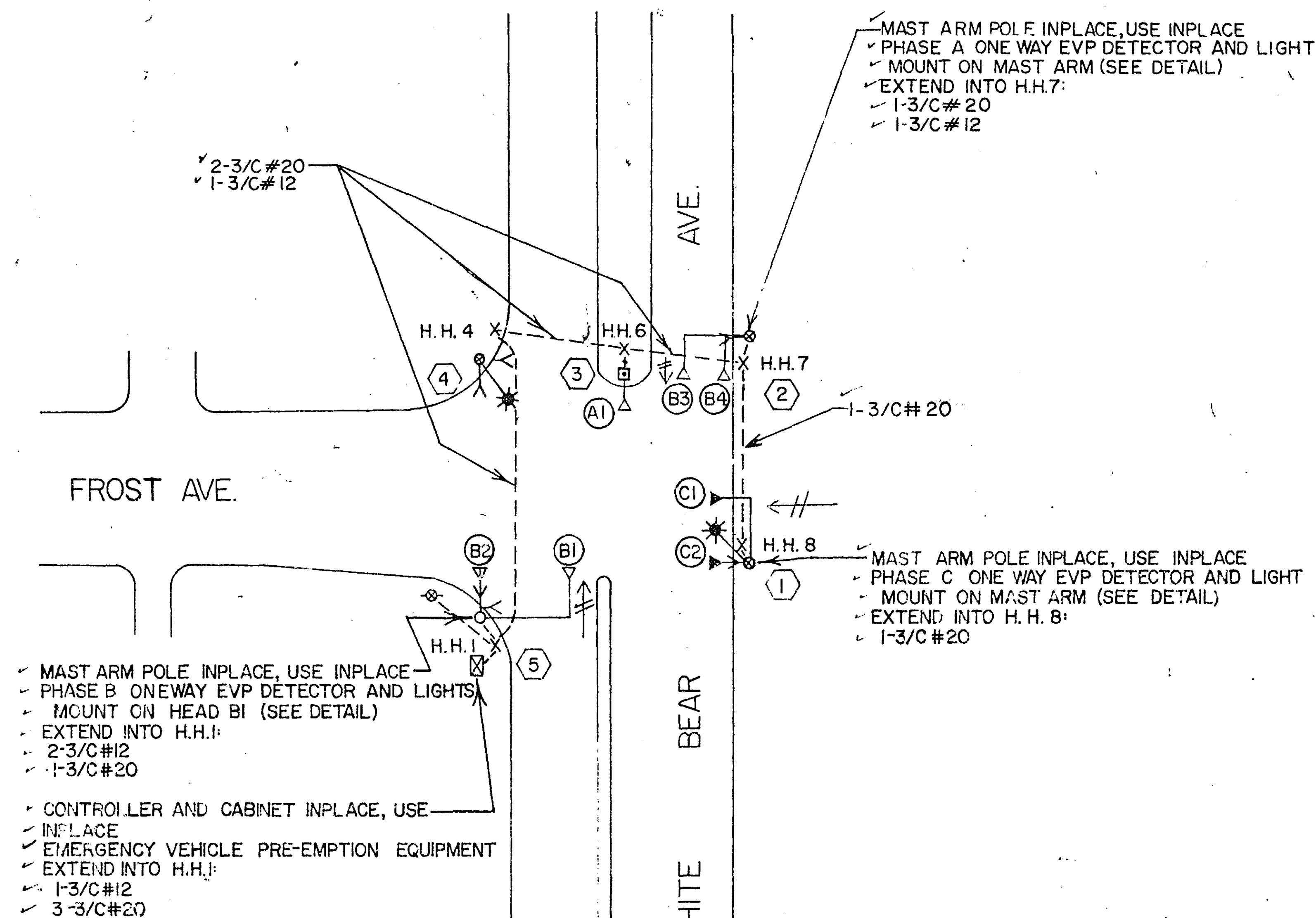
INPLACE CONTROLLER PHASING



EVP PHASING DIAGRAM

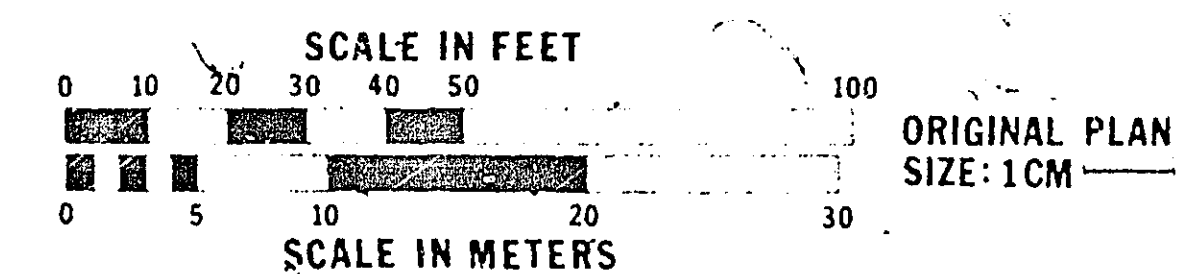


FACE	PHASE	FLASH	INPLACE			INDICATION SIZE		
			R	Y	G	←	↑	→
B1	B	R	12"	12"	12"	-	-	-
B2	B	R	12"	12"	12"	-	-	-
B3	A+B	R	12"	12"	-	-	12"	-
B4	A+B	R	12"	12"	-	-	12"	-
A1	A	R	12"	12"	12"	-	-	-
C1	C	R	12"	12"	12"	-	-	-
C2	C	R	12"	12"	12"	-	-	-

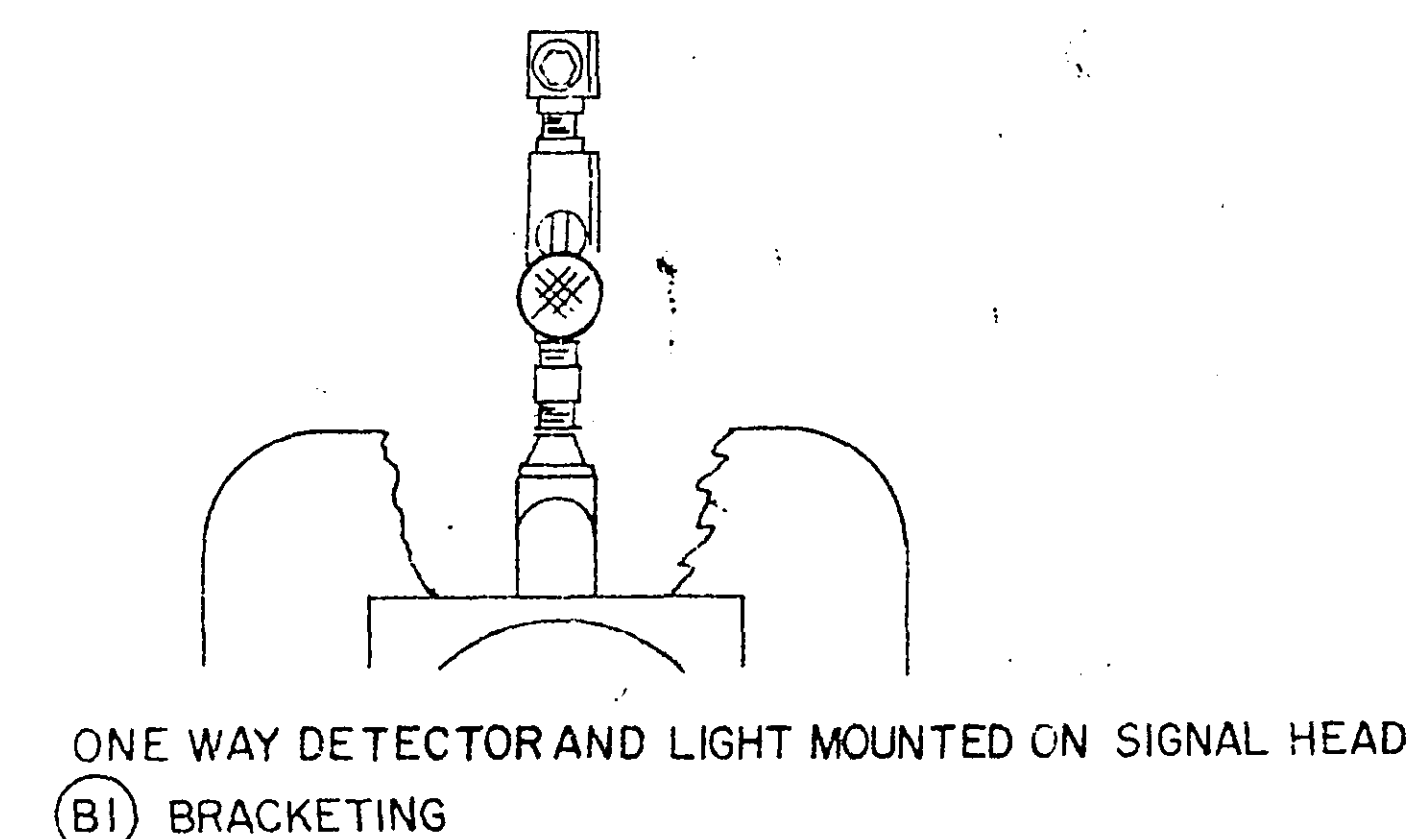
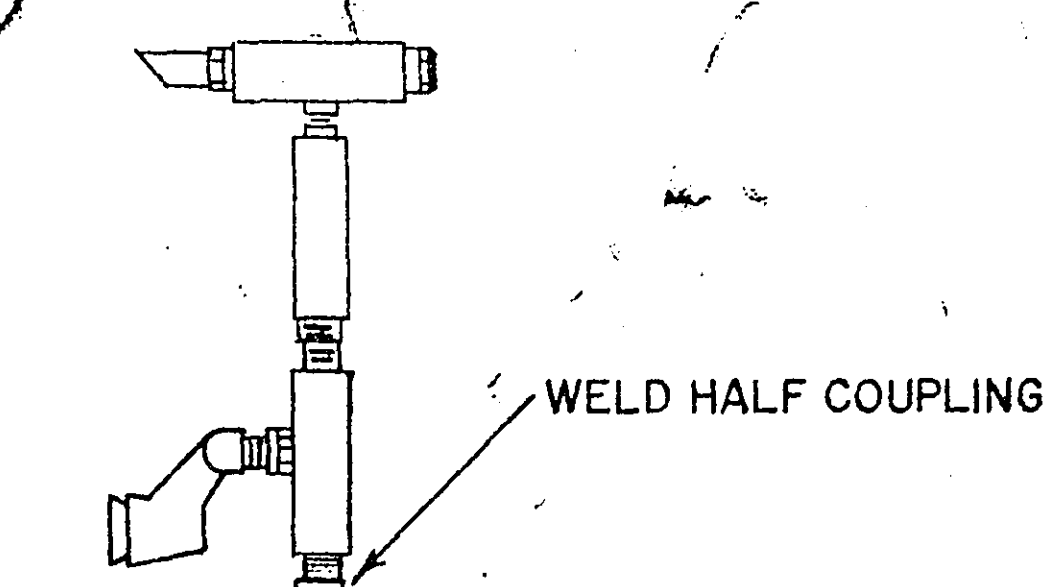


NOTE:

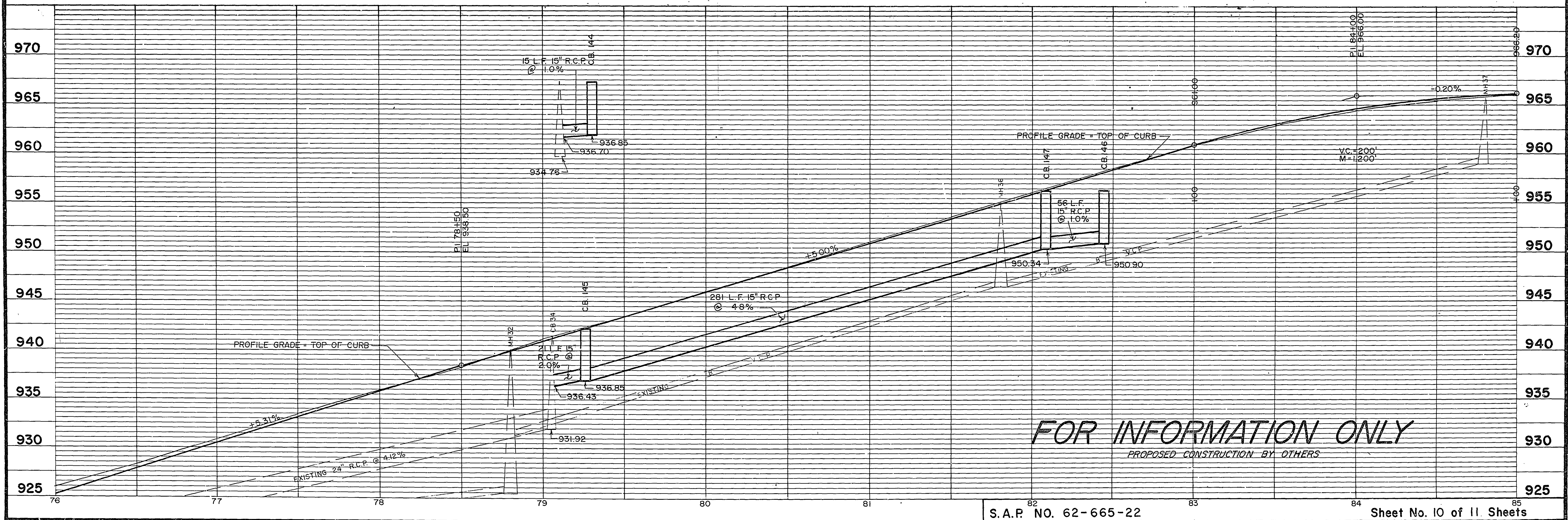
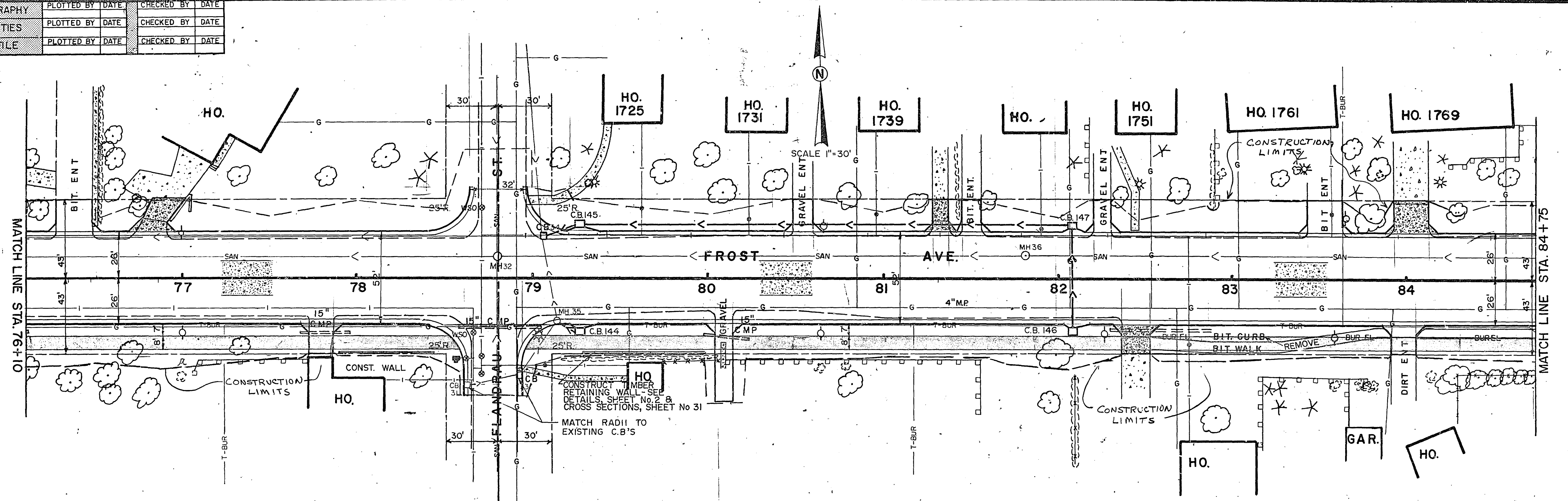
- (1) RETAIN ALL INPLACE ITEMS
- (2) INSTALL 3/4" HALF COUPLING APPROX. 2' FROM THE END OF THE MAST ARM POLES 1 AND 2

INTERSECTION LAYOUT
WHITE BEAR AVE. AT FROST AVE.FOR INFORMATION ONLY
REMOVE INPLACE EVP SYSTEM

DETAILS

ONE WAY DETECTOR AND LIGHT, MOUNTED ON A
MAST ARM POLES 1 & 2

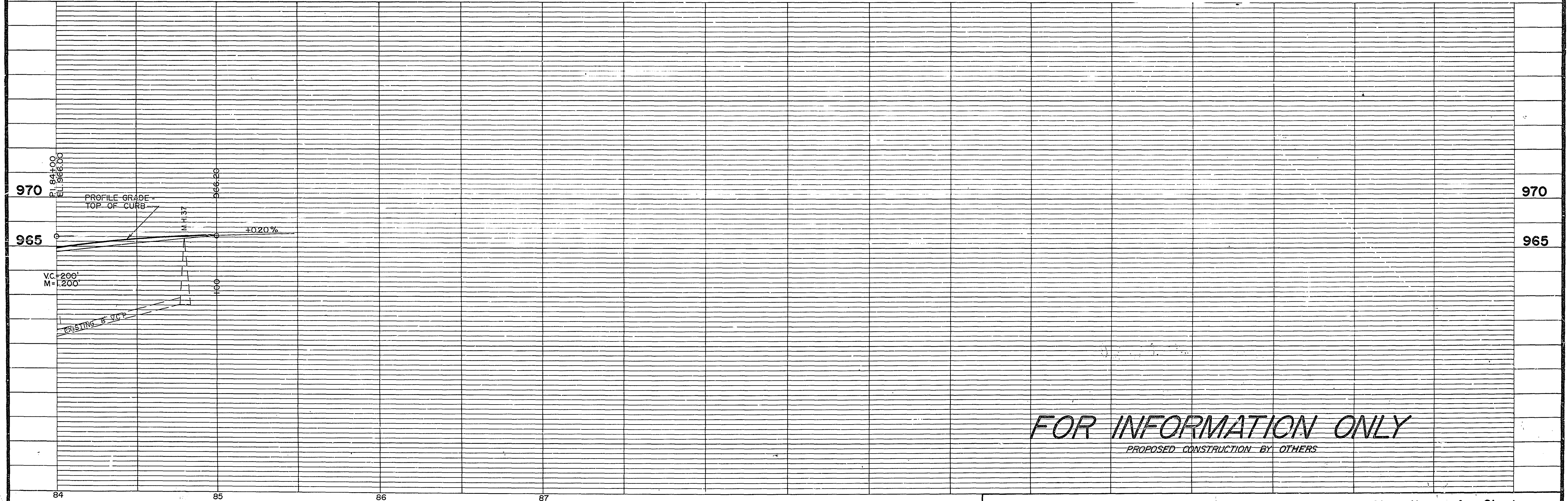
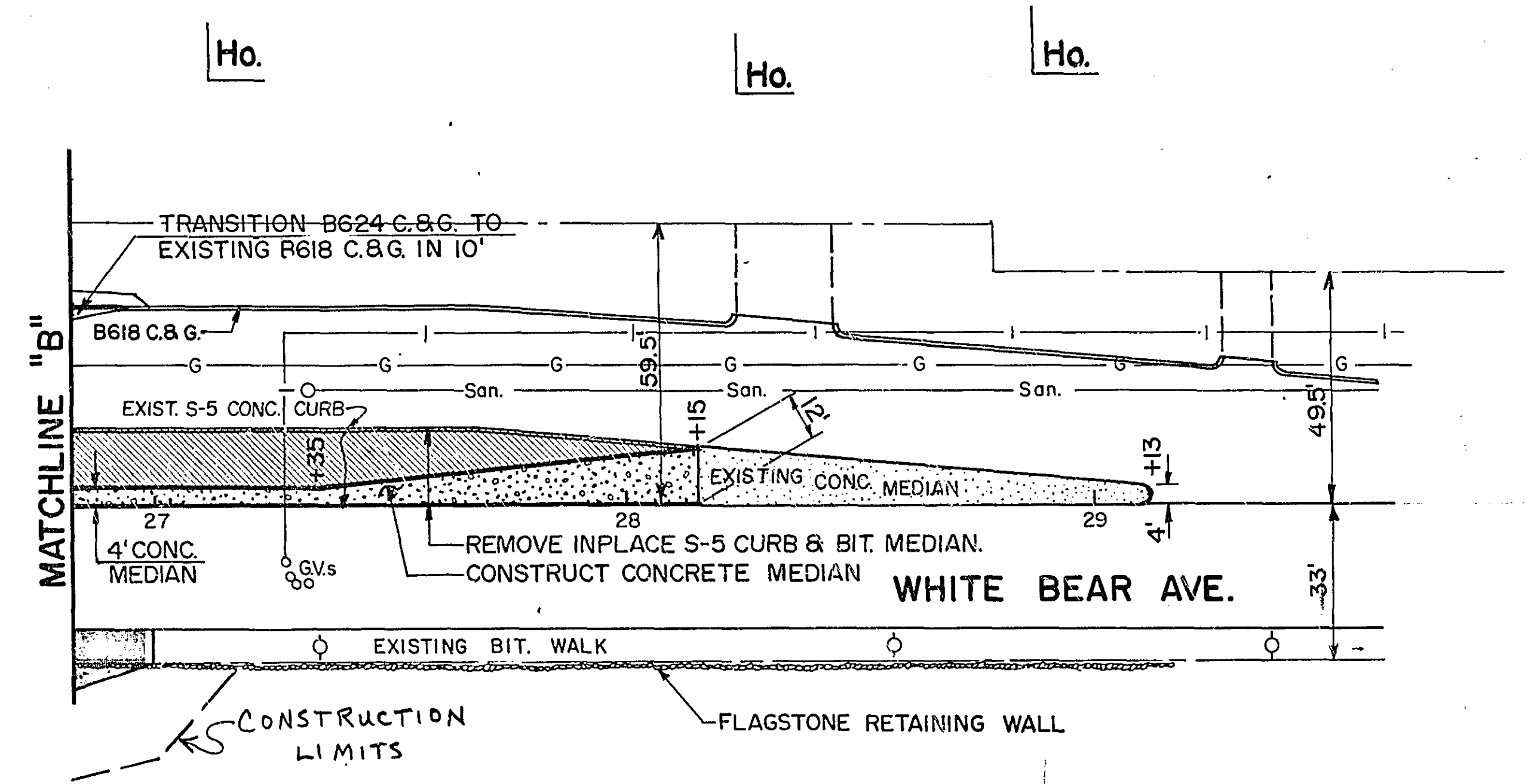
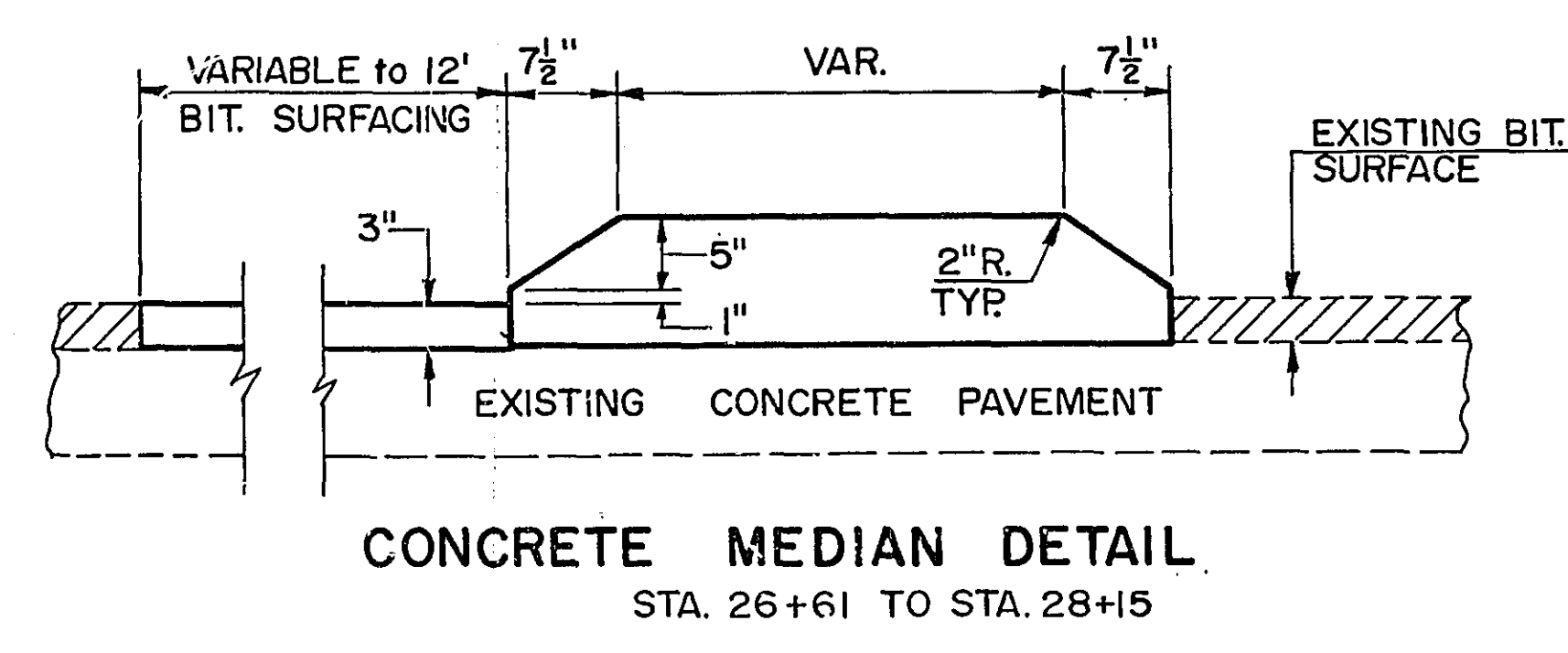
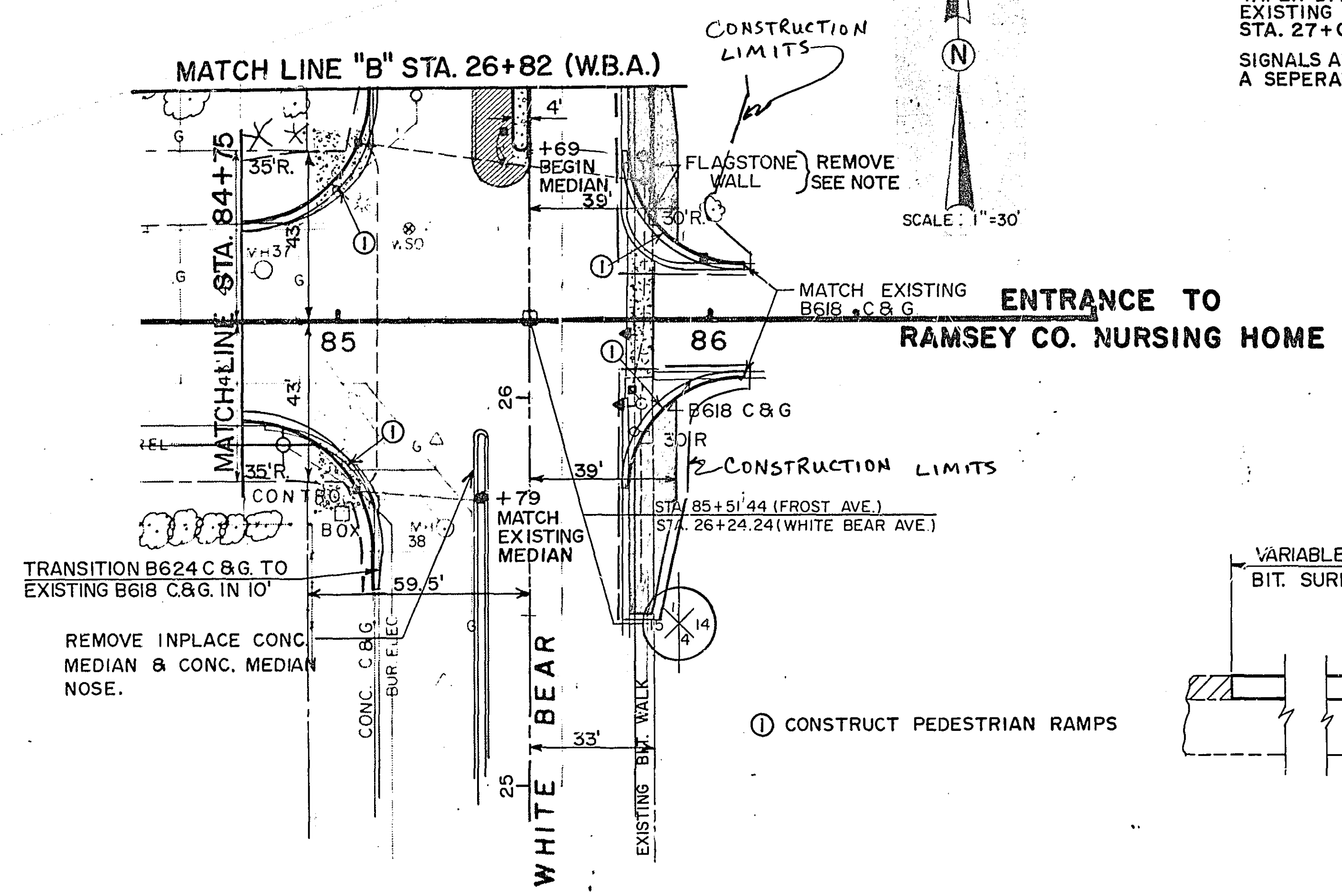
TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE



FOR INFORMATION ONLY
PROPOSED CONSTRUCTION BY OTHERS

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

NOTES: REMOVE FLAGSTONE WALL BETWEEN STA. 26+50+ AND STA. 27+00.
 TRANSITION WALL TO FULL HEIGHT BETWEEN STA. 27+00 AND STA. 27+12.
 TAPER EXISTING BIT. WALK TO 39' BETWEEN STA. 25+45 AND STA. 25+80.
 TAPER BIT. WALK FROM 39' TO MATCH EXISTING BETWEEN STA. 26+70 AND STA. 27+00. REPLACE IN KIND.
 SIGNALS ARE TO BE RELOCATED UNDER A SEPERATE CONTRACT.



FOR INFORMATION ONLY
 PROPOSED CONSTRUCTION BY OTHERS

23-130