

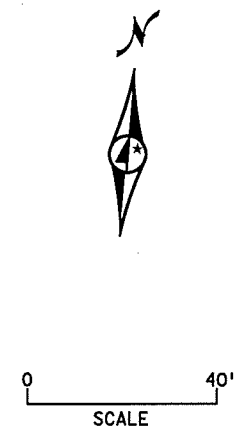
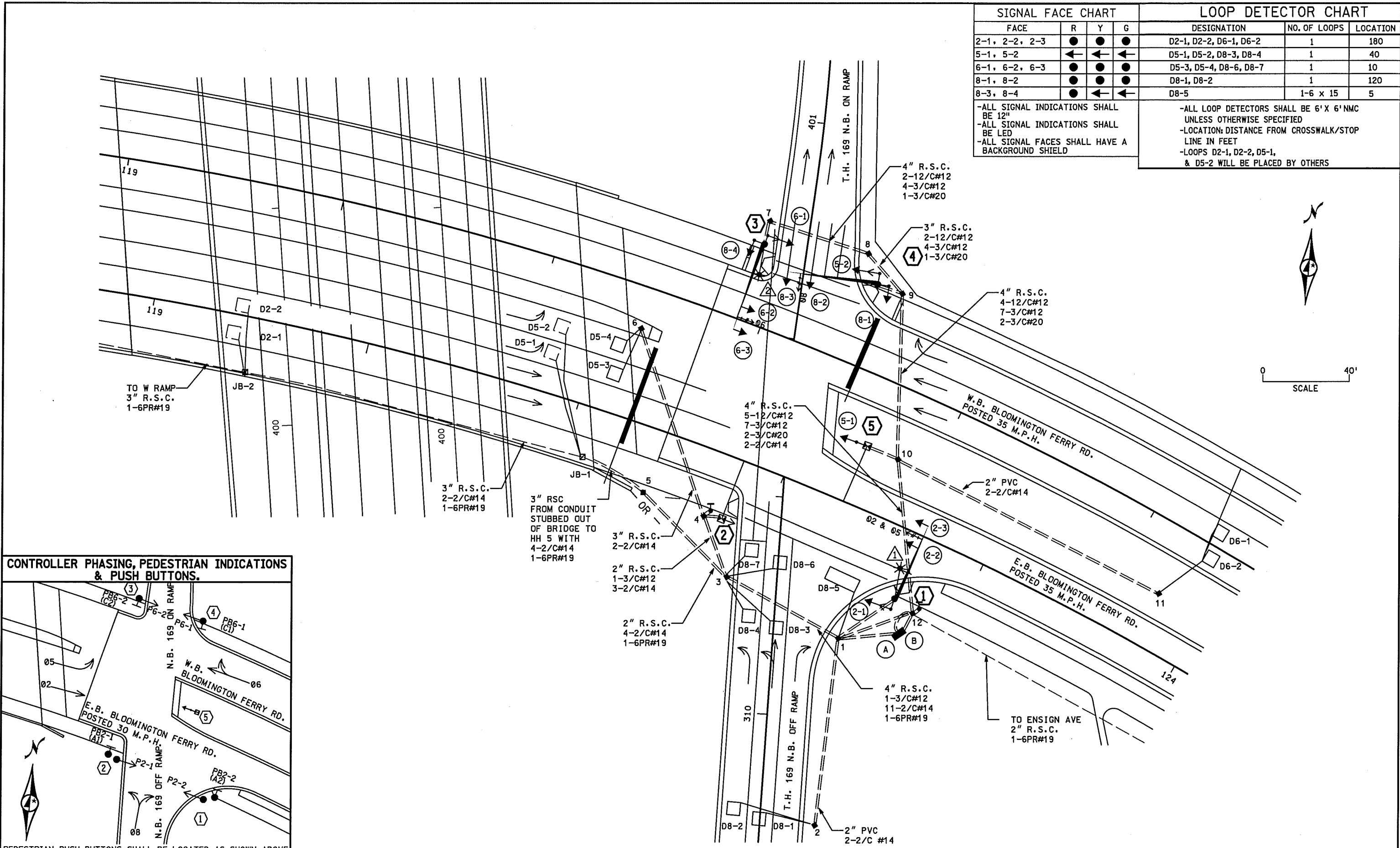
PLOTTED/REVISED: 15-MAR-2018

IPLLOT NAME: T38258.sgl
 PATH & FILENAME: Projects\DM_ROS\69\0000\Traffic\Signal\38258\T38258.sgl.dgn

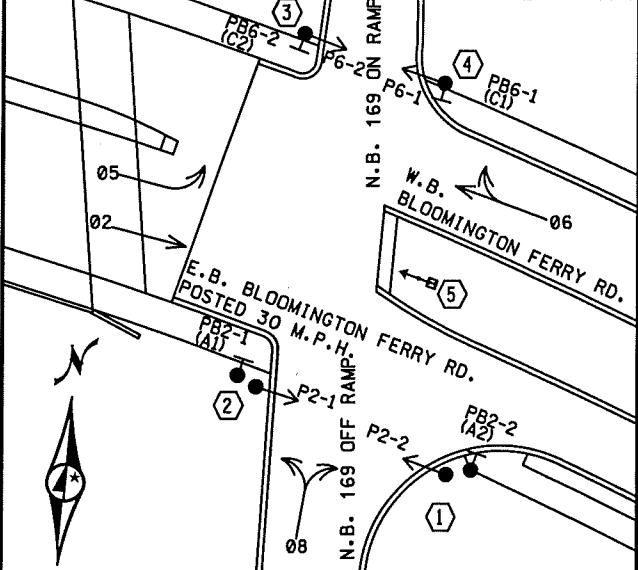
SIGNAL FACE CHART				LOOP DETECTOR CHART		
FACE	R	Y	G	DESIGNATION	NO. OF LOOPS	LOCATION
2-1, 2-2, 2-3	●	●	●	D2-1, D2-2, D6-1, D6-2	1	180
5-1, 5-2	←	←	←	D5-1, D5-2, D8-3, D8-4	1	40
6-1, 6-2, 6-3	●	●	●	D5-3, D5-4, D8-6, D8-7	1	10
8-1, 8-2	●	●	●	D8-1, D8-2	1	120
8-3, 8-4	●	←	←	D8-5	1-6 x 15	5

-ALL SIGNAL INDICATIONS SHALL BE 12"
 -ALL SIGNAL INDICATIONS SHALL BE LED
 -ALL SIGNAL FACES SHALL HAVE A BACKGROUND SHIELD

-ALL LOOP DETECTORS SHALL BE 6' X 6' NMC UNLESS OTHERWISE SPECIFIED
 -LOCATION: DISTANCE FROM CROSSWALK/STOP LINE IN FEET
 -LOOPS D2-1, D2-2, D5-1, & D5-2 WILL BE PLACED BY OTHERS



CONTROLLER PHASING, PEDESTRIAN INDICATIONS & PUSH BUTTONS.



PEDESTRIAN PUSH BUTTONS SHALL BE LOCATED AS SHOWN ABOVE

BY	DATE	REVISIONS	SYSTEM ID: 1736461	T.E.	S.A.P. NO.	DRAWN BY:	CKD BY:	DATE:
SJK	MAR 2018	ADDED APS PUSH BUTTONS	METER ADDRESS:		CERTIFIED BY:			
			OLD SYSTEM ID: 38258		STATE PROJ. NO.	(T.H.169)	SHEET NO.	1 OF 3 SHEETS

PLOTTED/REVISED: 15-MAR-2018

I PLOT NAME: T38258.sgi
 PATH & FILENAME: Projects\DM_R05\69\0000\Traffic\Signal\38258\T38258.sgi.dgn

A EQUIPMENT PAD
 3/4", 2" & 3" RSC STUBBED OUT OF
 CONTROLLER CABINET THREADED AND
 CAPPED BOTH ENDS

SERVICE CABINET
 MOUNTING BRACKET ASSEMBLY
 MASTER CONTROLLER, CONTROLLER AND CABINET

4" RSC TO HH 12	4" RSC TO HH 1
5-12/C#12	2-12/C#12
6-3/C#12	3-3/C#12
2-3/C#20	1-3/C#20
3-2/C#14	14-2/C#14
1-6PR#19	1-6PR#19

SERVICE CABINET TO CONTROLLER CABINET
 2" RSC
 2-1/C#6
 1-1/C#6 INS. GR.

SERVICE CABINET TO PANEL BOARD
 2" RSC
 3-1/C#2

SERVICE CABINET TO HH 12
 2" RSC
 2-3/C#12 (LUM)

HH 12 TO HH 1
 2" RSC
 1-3/C#12 (LUM)

B S.O.P.
 (XCEL ENERGY)

1 E.B. STATION 122+ 70 31' RT
 PA90 POLE FOUNDATION
 TYPE PA90-A-35-D40-9 (DAVIT AT 350 DEG)
 2-ONE WAY SIGNALS OVERHEAD (0', & 11' FROM END OF MAST ARM)
 1-POLE MOUNTED ONE-WAY SIGNAL AT 225 DEG
 1-POLE MOUNTED CD PED HEAD AT 225 DEG
 ONE WAY EVP DETECTOR AND CONFIRMATORY
 LIGHT (PHASE 2 & 5)
 LUMINAIRE-250W HPS
 1-R9-3a SIGN (NO PED) FACING POLE 5
 3" RSC TO HH 1
 2-12/C#12
 2-3/C#12
 1-3/C#20
 1-3/C#12 (LUM)

PB STATION
 APS PB AND SIGN (RT ARROW) (PB2-2)
 1"PVC TO HH 12:
 1-2/C#14

2 E.B. STATION 121+ 80 29' RT
 PEDESTAL FOUNDATION
 10' PEDESTAL POLE PLUS BASE
 1-PEDESTAL MOUNTED CD PED HEAD
 1-R6-1R SIGN (ONE WAY)
 1-R6-1L SIGN (ONE WAY)
 1-R9-3a SIGN (NO PED) FACING POLE 3
 2" RSC TO HH 4
 1-3/C#12

PB STATION
 APS PB AND SIGN (LT ARROW) (PB2-1)
 1"PVC TO HH 4:
 1-2/C#14

3 W.B. STATION 121+ 88 36' LT
 PA100 POLE FOUNDATION
 TYPE PA100-A-40-D40-9 (DAVIT AT 350 DEG)
 2-ONE WAY SIGNALS OVERHEAD (0', 11' FROM
 END OF MAST ARM)
 2-POLE MOUNTED ONE-WAY SIGNALS AT 45 AND 225 DEG
 1-POLE MOUNTED CD PED HEAD AT 225 DEG
 ONE WAY EVP DETECTOR AND CONFIRMATORY
 LIGHT (PHASE 6)
 APS PB AND SIGN (RT ARROW) (PB6-2)
 LUMINAIRE-250W HPS
 1-R9-3a SIGN (NO PED) FACING POLE 2
 2-TYPE D SIGNS
 3" RSC TO HH 7
 2-12/C#12
 4-3/C#12
 1-3/C#20

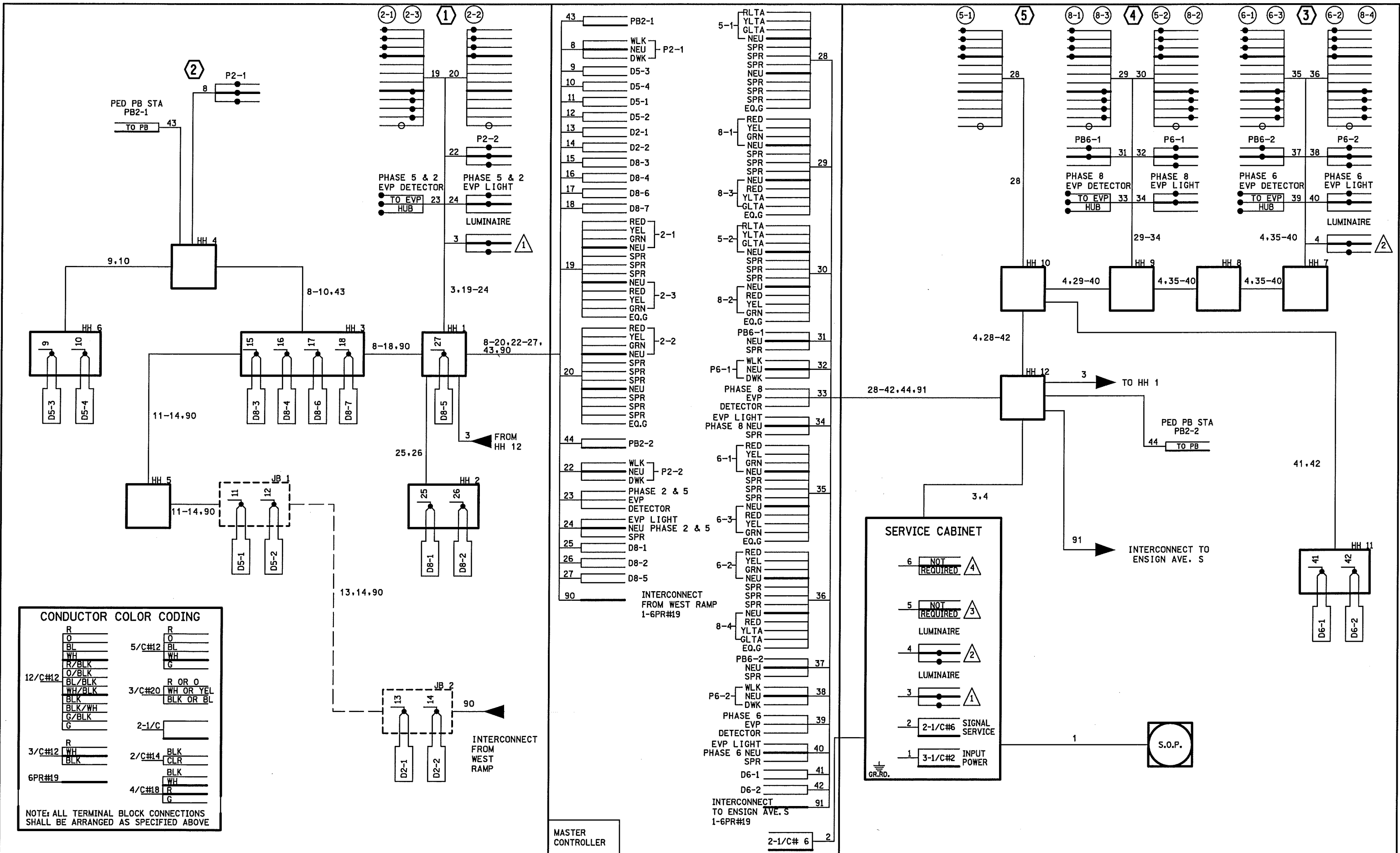
4 W.B. STATION 122+ 42 38' LT
 PA100 POLE FOUNDATION
 TYPE PA100-A-40
 2-ONE WAY SIGNAL OVERHEAD (0', 11'
 FROM END OF MAST ARM)
 2-POLE MOUNTED ONE-WAY SIGNALS AT 45 AND 225 DEG
 1-POLE MOUNTED CD PED HEAD AT 45 DEG
 ONE WAY EVP DETECTOR AND CONFIRMATORY
 LIGHT (PHASE 8)
 APS PB AND SIGN (LT ARROW) (PB6-1)
 1-R9-3a SIGN (NO PED) FACING POLE 5
 1-R6-1R SIGN (ONE WAY)
 1-R6-1L SIGN (ONE WAY)
 3" RSC TO HH 9
 2-12/C#12
 3-3/C#12
 1-3/C#20

5 E.B. STATION 122+ 30 28' LT
 PEDESTAL FOUNDATION
 13' PEDESTAL POLE PLUS BASE
 1-PEDESTAL MOUNTED ONE-WAY SIGNAL INDICATION
 2-R9-3a SIGNS (NO PED) FACING POLE 1 & 4
 2" RSC TO HH 10
 1-12/C#12

BY	DATE	REVISIONS	SYSTEM ID: 1736461	T.E.	S.A.P. NO.	DRAWN BY:	CKD BY:	DATE:
SJK	MAR 2018	ADDED APS PUSH BUTTONS	METER ADDRESS:		CERTIFIED BY _____	LIC. NO. _____	DATE: _____	
			OLD SYSTEM ID: 38258		POLE NOTES TH 169 AT BLOOMINGTON FERRY RD. E RAMP IN BLOOMINGTON, HENNEPIN COUNTY			
					STATE PROJ. NO.	(T.H.169)	SHEET NO.	2 OF 3 SHEETS

PLOTTED/REVISED: 15-MAR-2018

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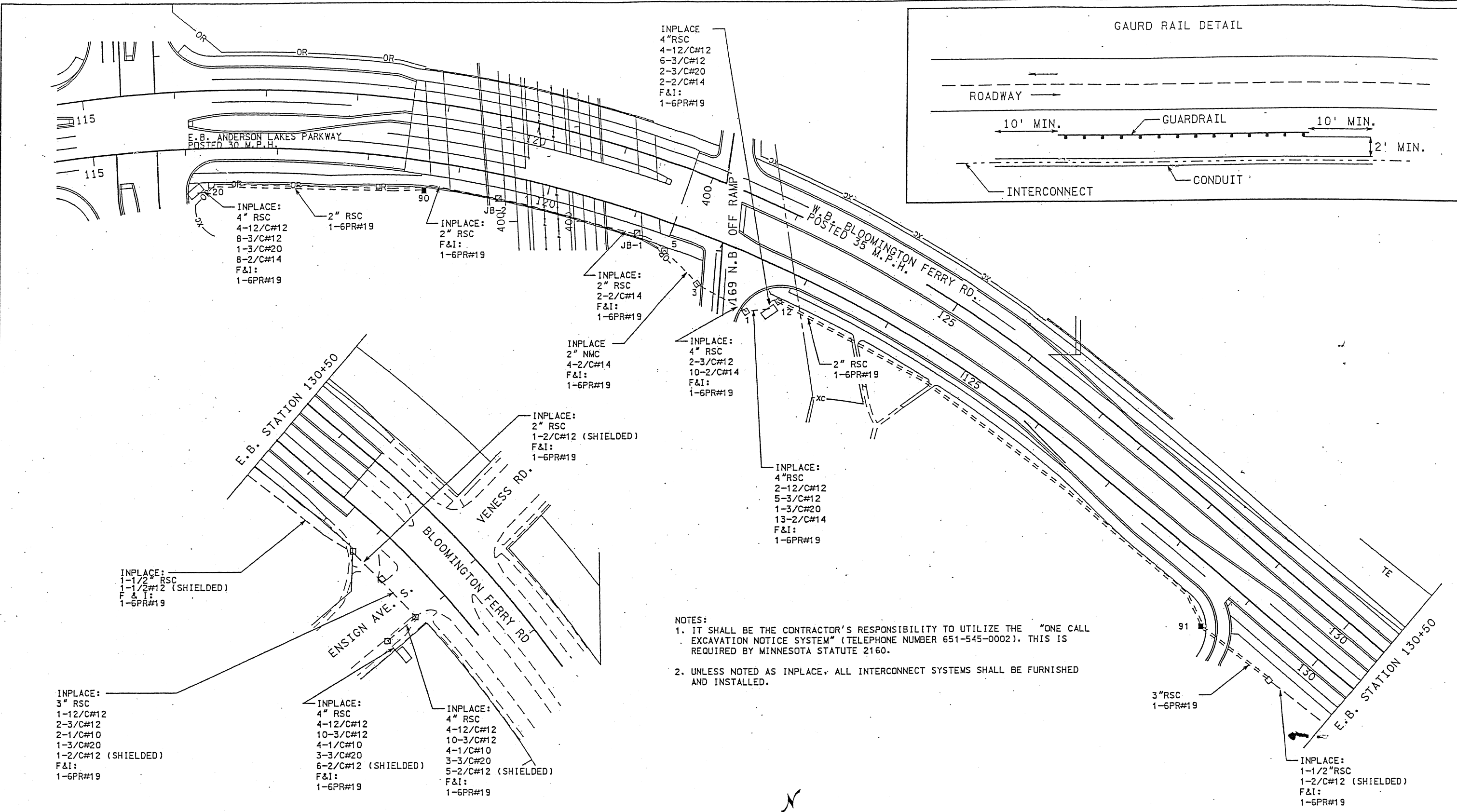


BY	DATE	REVISIONS	SYSTEM ID: 1736461	T.E.	S.A.P. NO.	DRAWN BY:	CKD BY:	DATE:
SJK	MAR 2018	ADDED APS PUSH BUTTONS	METER ADDRESS:		CERTIFIED BY _____			
			OLD SYSTEM ID: 38258		LICENSED PROFESSIONAL ENGINEER			
WIRING DIAGRAM TH 169 AT BLOOMINGTON FERRY RD. E RAMP IN BLOOMINGTON, HENNEPIN COUNTY					STATE PROJ. NO.	(T.H.169)	SHEET NO.	3 OF 3 SHEETS

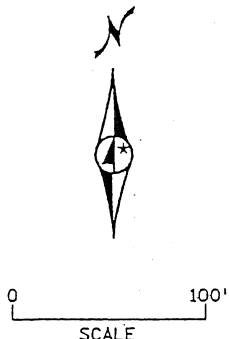
NONE

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PLOTTED: 01-MAR-2004 10:19



- NOTES:**
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THE "ONE CALL EXCAVATION NOTICE SYSTEM" (TELEPHONE NUMBER 651-545-0002). THIS IS REQUIRED BY MINNESOTA STATUTE 2160.
 - UNLESS NOTED AS INPLACE, ALL INTERCONNECT SYSTEMS SHALL BE FURNISHED AND INSTALLED.



DRAWN BY: JBA	REVISED BY:	REVISED BY:	AS BUILT BY:	INTERCONNECT LAYOUT SYSTEM "A" T.H. 169 AT ANDERSON LKS. PKWY./ BLOOMINGTON FERRY RD. IN BLOOMINGTON AND EDEN PRAIRIE HENNEPIN COUNTY
CKD BY: JEW DATE: 12/17/03	CKD BY: DATE:	CKD BY: DATE:	CKD BY: DATE:	
MASTER ID: 38267 T.E. (MASTER) 3614 S.A.P. NO. 107-A27-05 & 181-030-02			CERTIFIED BY: <i>John J. Rieck</i> <small>LICENSED PROFESSIONAL ENGINEER</small>	
STATE PROJ. NO. 2776-02 (T.H. 169)			LIC. NO. 23084 DATE: 3/2/04	
SHEET NO. 285 OF 300 SHEETS				