

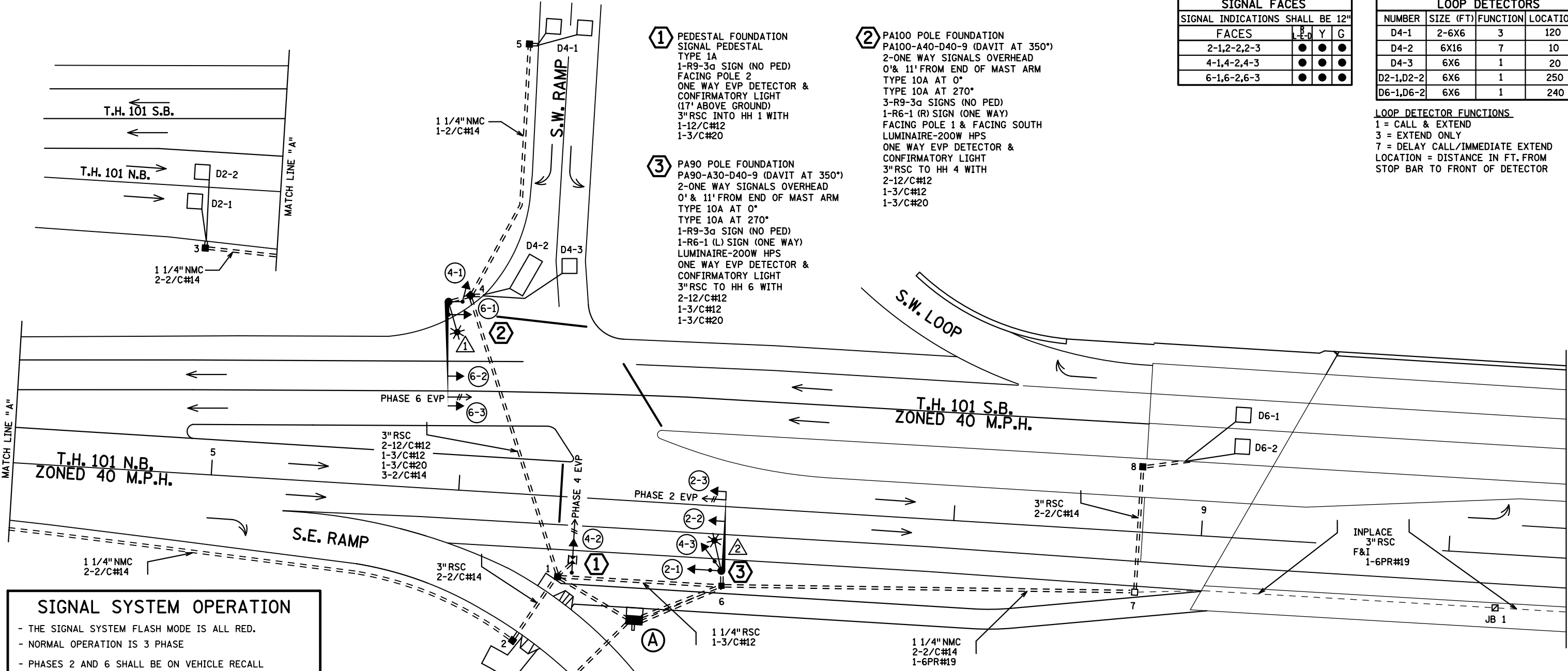
PLOTTED/REVISED: 3/11/2011

DISTRICT #: METRO
IPLOT NAME: T220010
PATH & FILENAME: IP_PWP-d0781694\T22001_sgl.dgn

SIGNAL FACES			
SIGNAL INDICATIONS SHALL BE 12"			
FACES	L-E-D	Y	G
2-1,2-2,2-3	●	●	●
4-1,4-2,4-3	●	●	●
6-1,6-2,6-3	●	●	●

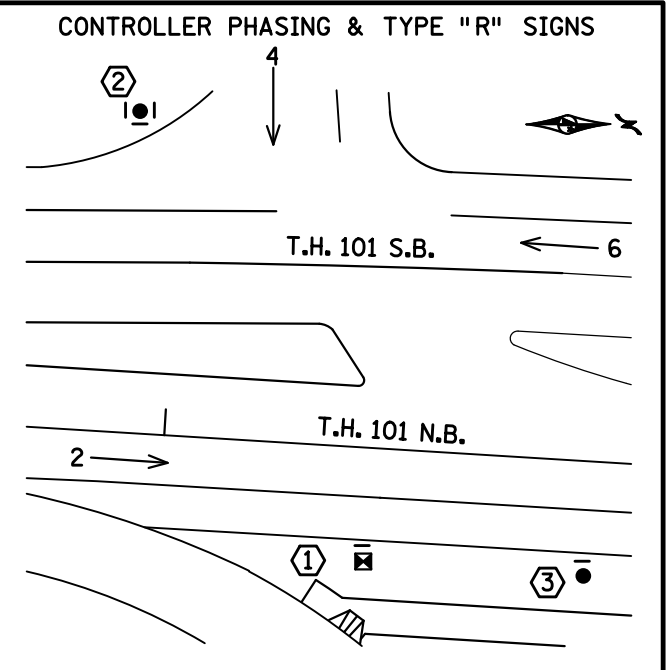
LOOP DETECTORS			
NUMBER	SIZE (FT)	FUNCTION	LOCATION
D4-1	2-6X6	3	120
D4-2	6X16	7	10
D4-3	6X6	1	20
D2-1,D2-2	6X6	1	250
D6-1,D6-2	6X6	1	240

LOOP DETECTOR FUNCTIONS
 1 = CALL & EXTEND
 3 = EXTEND ONLY
 7 = DELAY CALL/IMMEDIATE EXTEND
 LOCATION = DISTANCE IN FT. FROM STOP BAR TO FRONT OF DETECTOR



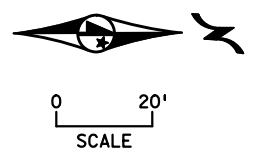
SIGNAL SYSTEM OPERATION

- THE SIGNAL SYSTEM FLASH MODE IS ALL RED.
- NORMAL OPERATION IS 3 PHASE
- PHASES 2 AND 6 SHALL BE ON VEHICLE RECALL



(A) EQUIPMENT PAD (SEE DETAILS)
 CONTROLLER, CABINET AND SERVICE CABINET
 CABINET TO HH 1 CABINET TO HH 6
 4" RSC 4" RSC
 3-12/C#12 2-12/C#12
 5-2/C#14 2-2/C#14
 2-3/C#20 1-3/C#20
 1-6PR#19
 3" RSC STUBBED OUT OF CONTROLLER
 CABINET THREADED & CAPPED BOTH ENDS
 SERVICE CABINET TO CONTROLLER CABINET
 1 1/4" RSC
 2-1/C#6
 1-1/C#6 INS. GR.
 SERVICE CABINET TO HH 6
 2" RSC
 2-3/C#12
 SERVICE CABINET TO HH 9
 2" RSC
 3-1/C#2

(B) SOP
 INPLACE WOOD POLE
 2" RSC RISER & WEATHERHEAD ABOVE
 ENCLOSED CIRCUIT BREAKER WITH
 3-1/C#2
 2" RSC BELOW ENCLOSED CIRCUIT
 BREAKER TO HH 9 WITH
 3-1/C#2



- NOTES:**
- SEE SPECIAL PROVISIONS FOR STATE FURNISHED MATERIALS, PVC HANDHOLES WITH METAL FRAMES & COVERS & RED L-E-D VEHICLE SIGNAL INDICATIONS.
 - EACH SIGNAL FACE SHALL HAVE A BACKGROUND SHIELD.
 - ALL Y & G VEHICLE SIGNAL INDICATIONS SHALL HAVE GLASS LENSES.
 - LOCATION OF CABINET, LOOP DETECTORS, HANDHOLES AND POLES SHALL BE DETERMINED BY TRAFFIC OFFICE PERSONNEL.
 - FOR INTERCONNECT DETAILS SEE SHEETS 277, 278 & 279.
 - CONTRACTOR SHALL INSTALL PREFORMED NMC LOOP DETECTORS IN ROADWAY. SEE SHEET 262 FOR DETAILS.
 - A 3/4" HALF COUPLING, 3/4" PIPE NIPPLE AND CONDUIT OUTLET BODY FOR EMERGENCY VEHICLE PREEMPTION EQUIPMENT SHALL BE INSTALLED 2' FROM THE END OF POLES 2 & 3.
 - PAVEMENT MARKINGS (STOP BARS), APPROX. 105 LIN. FT. & TYPE "R" SIGNS ARE INCIDENTAL TO THE SIGNAL SYSTEM.
 - REFER TO GRADING PLAN FOR QUANTITIES REGARDING THE SIDEWALK AND PED RAMP TO BE F&I.

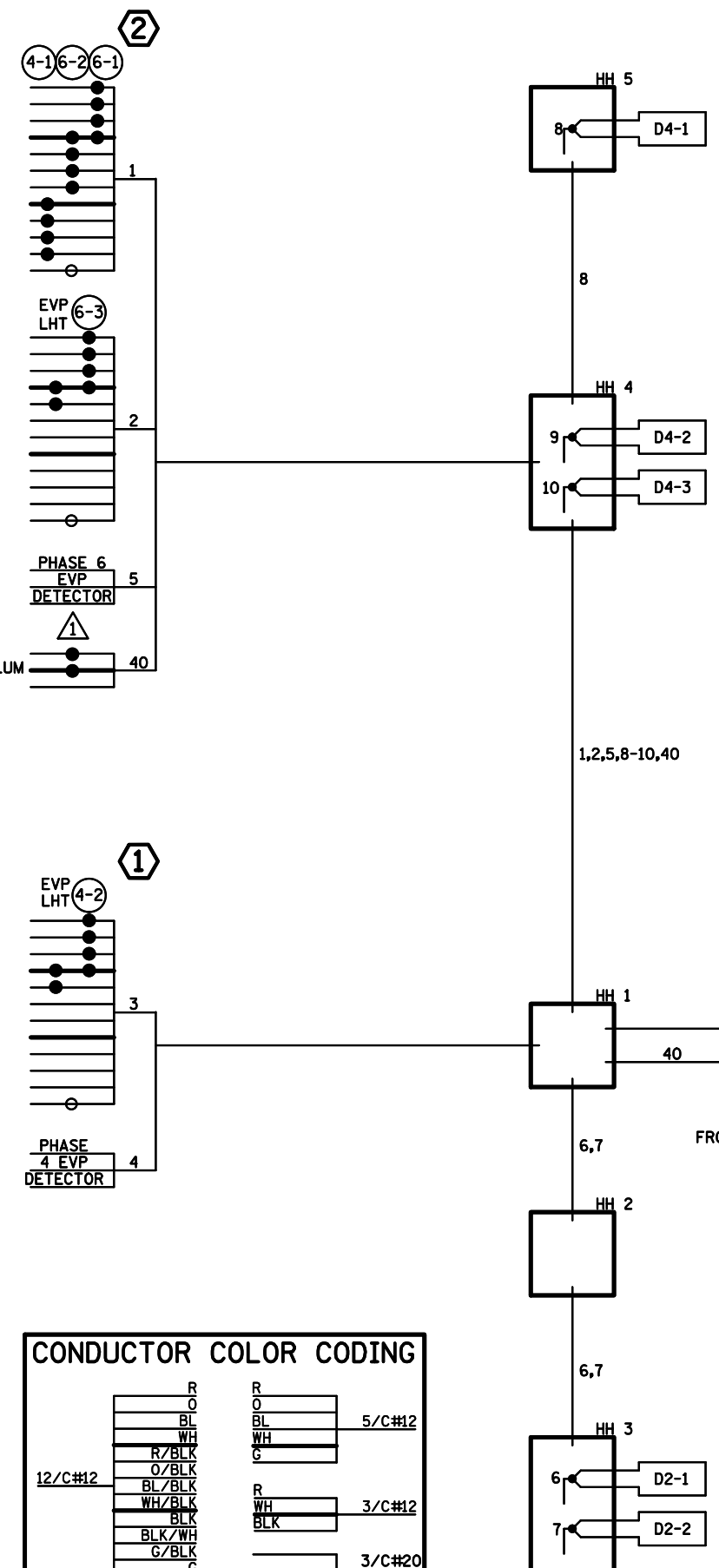
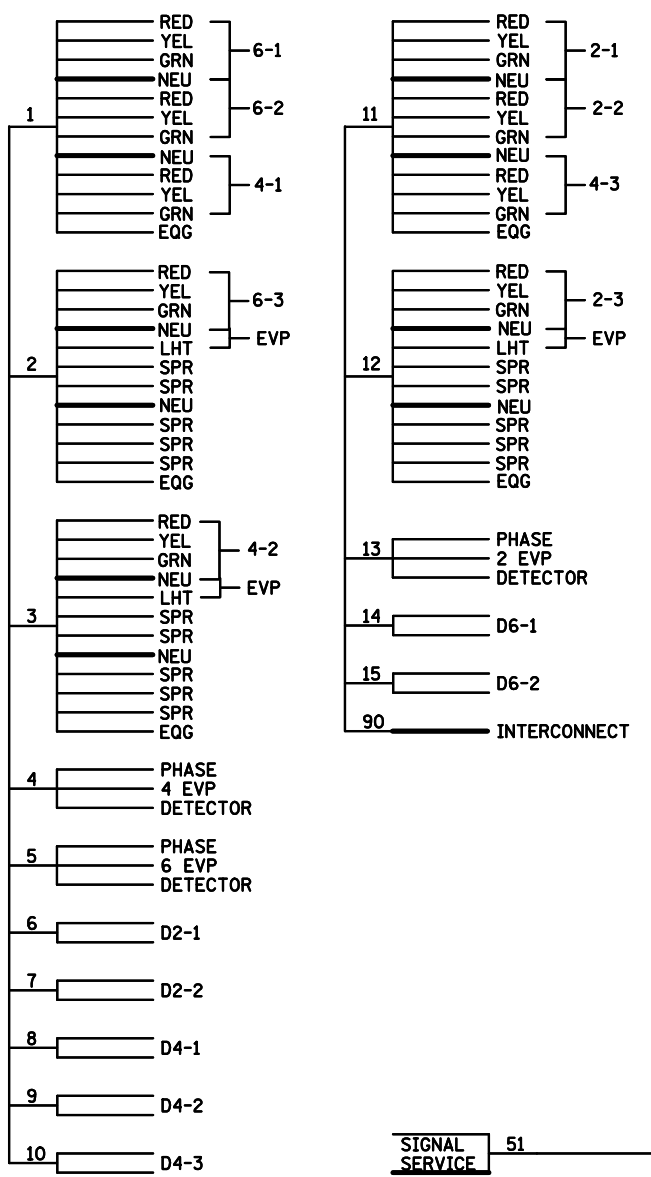
DRAWN BY: B. WILSON	REVISED BY:	REVISED BY:	AS BUILT
CKD BY: BAF DATE: 1/96	CKD BY: DATE:	CKD BY: DATE:	CKD BY: DATE:
SYSTEM ID: 22001			
METER ADDRESS: 11300 T.H. 101			
CERTIFIED BY _____			REG. NO. 22077
			1996

**INTERSECTION LAYOUT
 TRAFFIC CONTROL SIGNAL SYSTEM
 SYSTEM "A"
 T.H. 101 AT T.H. 94 S. RAMPS
 IN ROGERS,
 HENNEPIN CO.**

PLOTTED/REVISED: 3/11/2011

DISTRICT #: METRO
 IPLOT NAME: T22001.sgl
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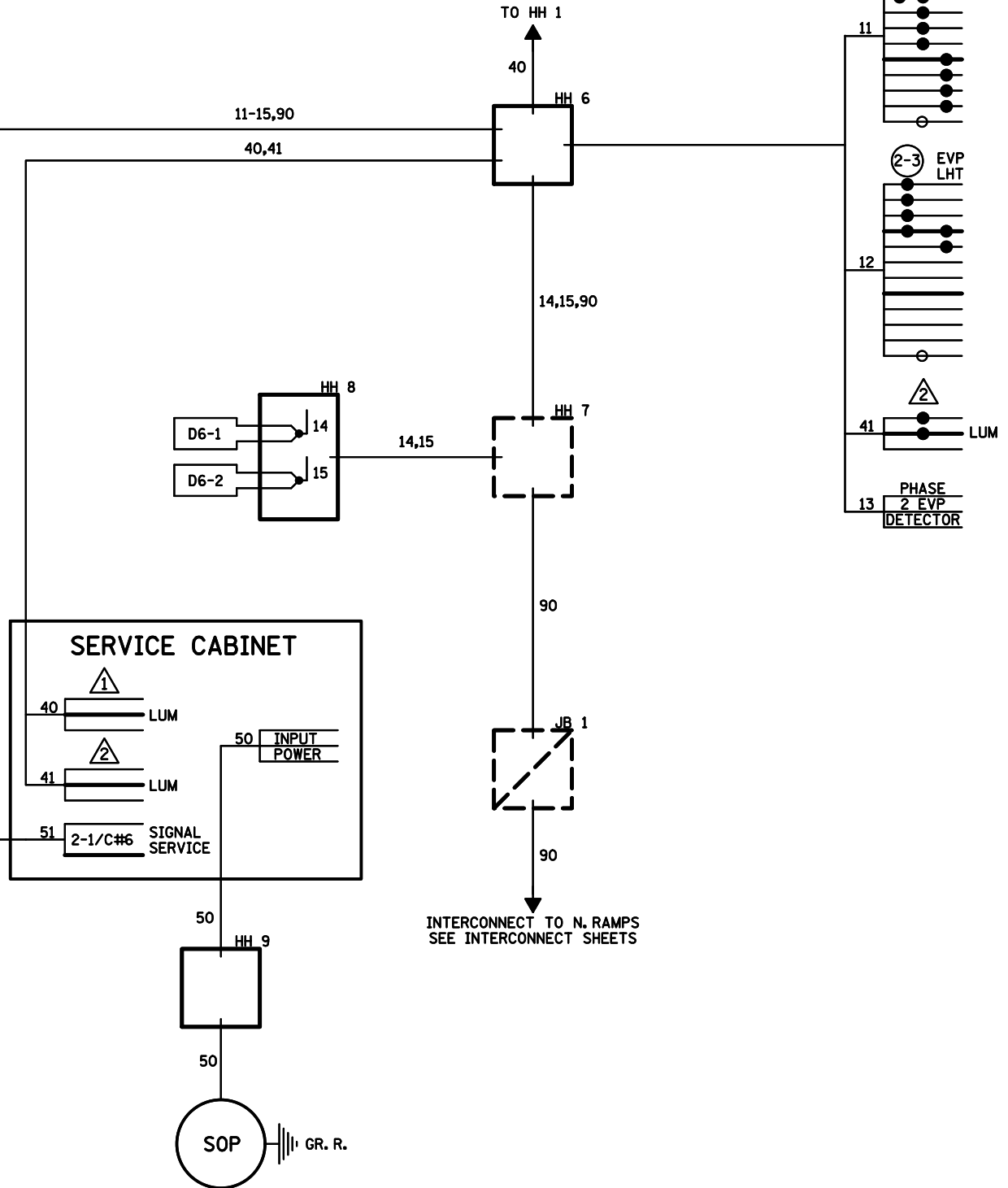
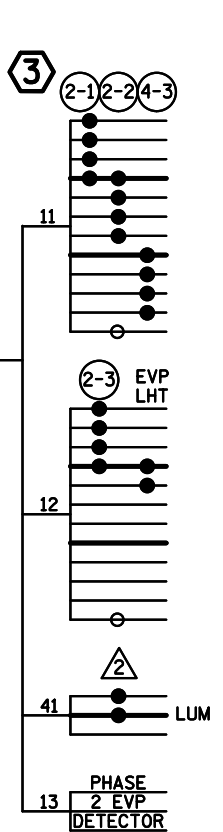
CONTROLLER CABINET



CONDUCTOR COLOR CODING

R	5/C#12
O	
BL	
WH	
R/BLK	
O/BLK	
BL/BLK	
WH/BLK	
BLK	
BLK/WH	
G/BLK	
G	
12/C#12	
R	3/C#12
WH	
BLK	
	3/C#20
2-1/C#6	
BLK	
WH	2/C#14
BLK	
CLEAR	

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



DRAWN BY: B. WILSON	REVISED BY:	REVISED BY:	AS BUILT
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DATE: 1/96	DATE:	DATE:	DATE:
SYSTEM ID: 22001			
METER ADDRESS: 11300 T.H. 101			

**FIELD WIRING DIAGRAM
 SYSTEM "A"
 T.H. 101 AT T.H. 94 S. RAMPS
 IN ROGERS,
 HENNEPIN CO.**

CERTIFIED BY _____ REG. NO. 22077 _____ 1996