

RELEASED FOR CONSTRUCTION

- GENERAL NOTES:
1. ALL CONDUIT SHALL BE 2" NMC (UNLESS OTHERWISE NOTED).
  2. ALL DISTRIBUTION CABLE IN CONDUIT SHALL BE 3-1/C #4 WITH 1-1/C #4 GROUND (UNLESS OTHERWISE NOTED).
  3. OFFSET OF CITY LIGHT POLE BASE SHALL BE 2' FROM BACK OF CURB TO CENTER OF LIGHT BASE (UNLESS OTHERWISE NOTED).
  4. DIRECT BURIED CABLE SHALL BE ARMORED CABLE 4 COND NO 4.
  5. ALL DIRECT BURIED CABLE PASSING UNDER A ROADWAY SHALL UTILIZE A 3" NMC SLEEVE THAT SHALL BE PLACED PERPENDICULAR TO THE ROADWAY.
  6. PROVIDE GROUNDING ROD AT ALL LIGHTING UNITS.
  7. ALL ELECTRICAL EQUIPMENT SHALL BE STAKED AND VERIFIED BY FIELD ENGINEER.

FEED POINT R						
NO.	STATION	L	R	LOCATION	LIGHT TYPE	
6	170+70	X		81 NE RAMP	9-40	
7	747+43		X	WB CSAH 81	9-40	

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

Print Name: **BRIAN D. HOLT**  
*Brian D. Holt*  
 Date: 6/15/10 License #: 21428

MN/DOT RELEASED FOR CONSTRUCTION

**SRF C.S. McCrossan**

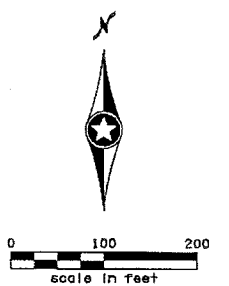
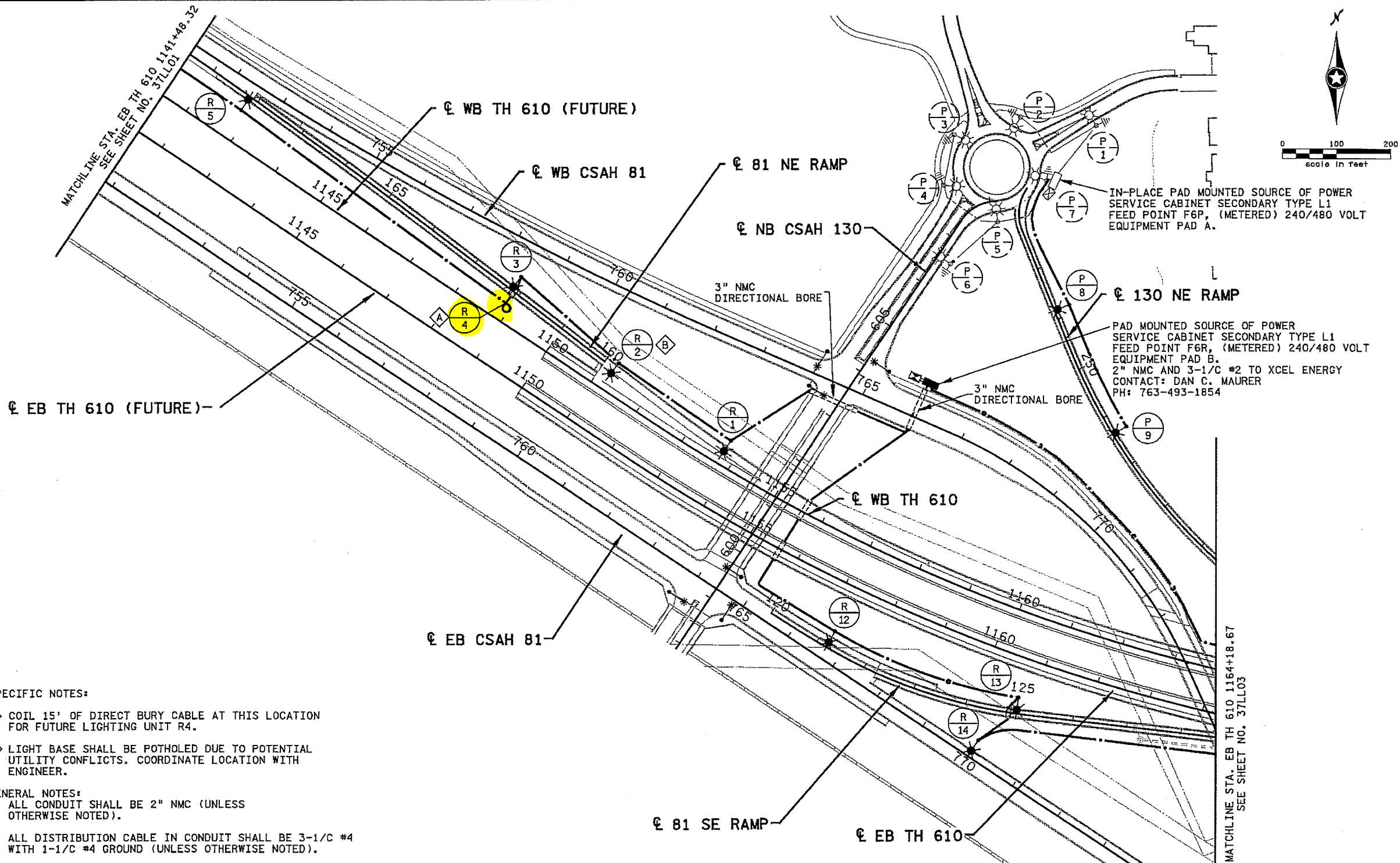
MINNESOTA DEPARTMENT OF TRANSPORTATION

T.H. 610 DESIGN BUILD (SP 2771-38)

LIGHTING LAYOUT  
 T.H. 610  
 DESIGN PACKAGE #37

SHEET  
 37LL01  
 OF  
 37LL15

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IN-PLACE PAD MOUNTED SOURCE OF POWER  
SERVICE CABINET SECONDARY TYPE L1  
FEED POINT F6P, (METERED) 240/480 VOLT  
EQUIPMENT PAD A.

PAD MOUNTED SOURCE OF POWER  
SERVICE CABINET SECONDARY TYPE L1  
FEED POINT F6R, (METERED) 240/480 VOLT  
EQUIPMENT PAD B.  
2" NMC AND 3-1/2 #2 TO XCEL ENERGY  
CONTACT: DAN C. MAURER  
PH: 763-493-1854

**SPECIFIC NOTES:**

- ⬢ COIL 15' OF DIRECT BURY CABLE AT THIS LOCATION FOR FUTURE LIGHTING UNIT R4.
- ⬢ LIGHT BASE SHALL BE POTHOLED DUE TO POTENTIAL UTILITY CONFLICTS. COORDINATE LOCATION WITH ENGINEER.

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3. OFFSET OF CITY LIGHT POLE BASE SHALL BE 2' FROM BACK OF CURB TO CENTER OF LIGHT BASE (UNLESS OTHERWISE NOTED).
4. DIRECT BURIED CABLE SHALL BE ARMORED CABLE 4 COND NO 4.
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FEED POINT R						
NO.	STATION	L	R	OFFSET	LOCATION	LIGHT TYPE
1	1153+77	X		48.5'	WB TH 610	9-40
2	1151+23	X		56.9'	WB TH 610	9-40
3	162+17		X		81 NE RAMP	9-40
4	1148+88	X			WB TH 610 (FUTURE)	CABLE LOOP
5	168+17	X			81 NE RAMP	9-40
12	121+20	X			81 SE RAMP	9-49
13	124+95	X			81 SE RAMP	9-40
14	770+00	X			EB CSAH 81	9-40

FEED POINT P					
NO.	STATION	L	R	LOCATION	LIGHT TYPE
8	251+17		X	130 NE RAMP	9-40
9	248+64		X	130 NE RAMP	9-40

**RELEASED FOR CONSTRUCTION**

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NO.	DATE	BY	CKD	APPR

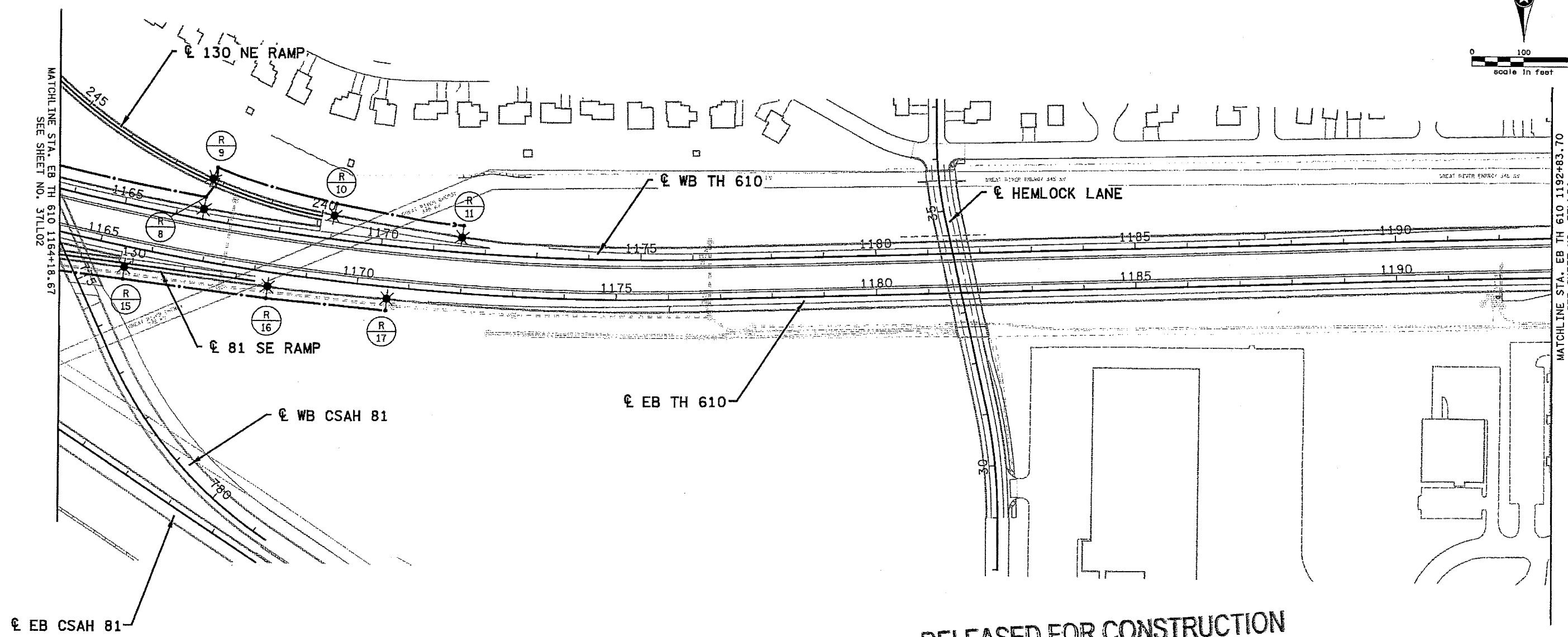
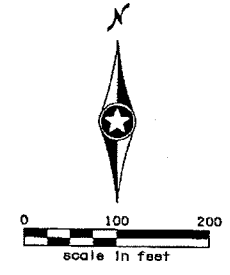
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
 Print Name: **BRIAN D. HOLT**  
*Brian D. Holt*  
 Date: **6/15/10** License: **21428**

MN/DOT RELEASED FOR CONSTRUCTION  
*[Signature]*  
 Date: **6/22/10** MN/DOT



**T.H. 610 DESIGN BUILD (SP 2771-38)**  
 LIGHTING LAYOUT  
 T.H. 610  
 DESIGN PACKAGE #37

SHEET  
 37LL02  
 OF  
 37LL15



RELEASED FOR CONSTRUCTION

FEED POINT R					
NO.	STATION	L	R	LOCATION	LIGHT TYPE
8	1166+50	X		WB TH 610	TYPE 9-40
9	242+22		X	130 NE RAMP	TYPE 9-40
10	1169+04	X		WB TH 610	TYPE 9-40
11	1171+55	X		WB TH 610	TYPE 9-40
15	129+85		X	81 SE RAMP	TYPE 9-40
16	1168+30		X	EB TH 610	TYPE 9-40
17	1170+60		X	EB TH 610	TYPE 9-40

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NO	DATE	BY	CHKD	APPR

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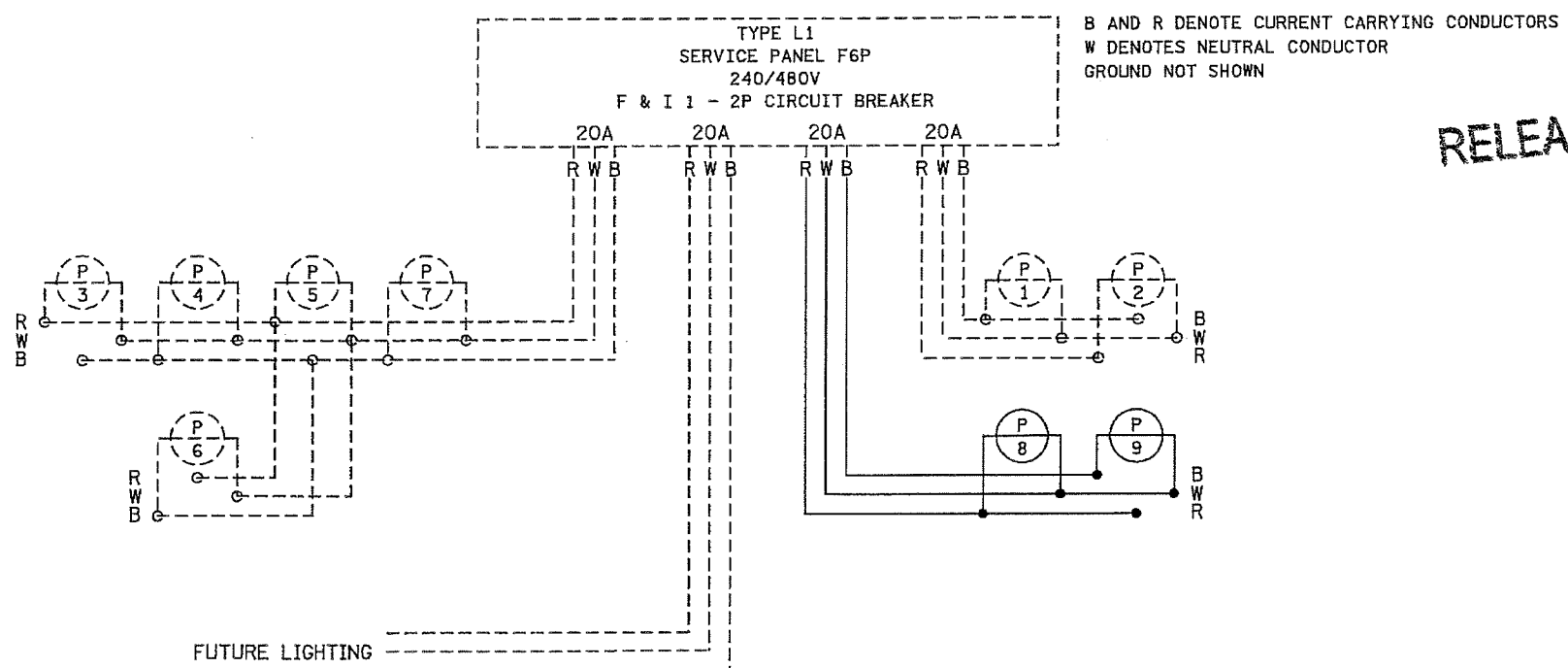
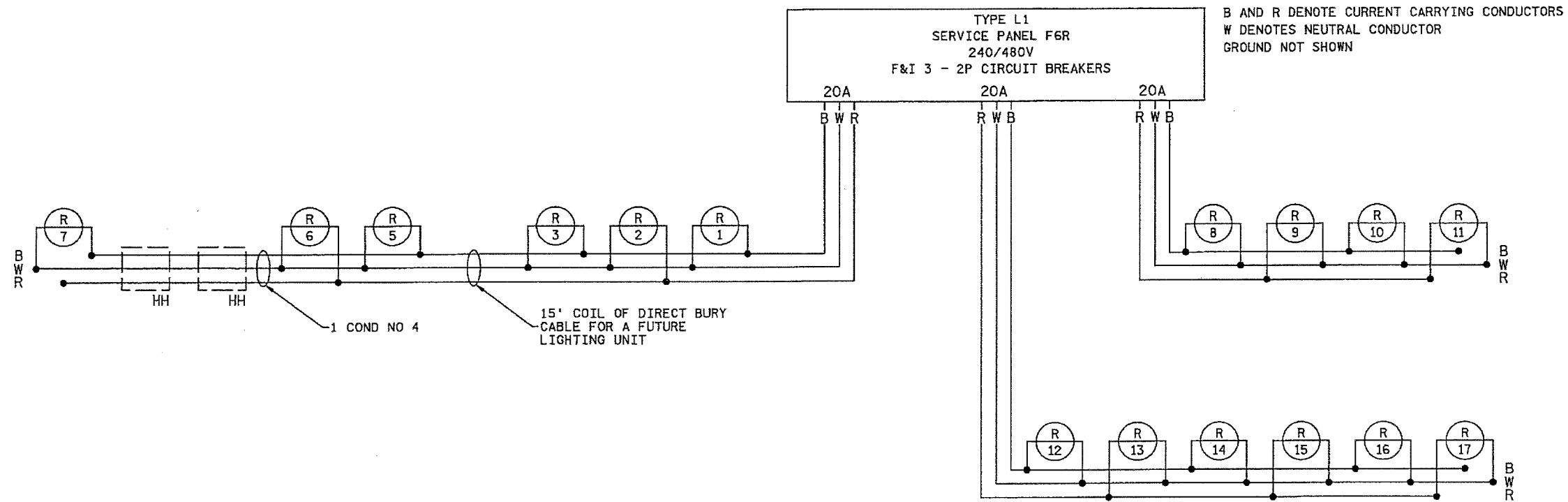
Print Name: **BRIAN D. HOLT**  
*Brian D Holt*  
 Date: **6/15/10** License #: **21428**

MN/DOT RELEASED FOR CONSTRUCTION

*[Signature]*  
 Date: **6/22/10** MN/DOT



T.H. 610 DESIGN BUILD (SP 2771-38)		SHEET 37LL03 OF 37LL15
LIGHTING LAYOUT		
T.H. 610 DESIGN PACKAGE #37		



RELEASED FOR CONSTRUCTION

LEGEND	
PROPOSED LUMINAIRE	
EXISTING LUMINAIRE (UNLESS OTHERWISE NOTED)	
PROPOSED HANDHOLE	
EXISTING HANDHOLE (OR F & I BY STRUCTURAL)	
PROPOSED CIRCUITRY	
EXISTING CIRCUITRY	
PROPOSED SPLICE	
EXISTING SPLICE	

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NO	DATE	BY	CKD	APPR

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 Date: **6/15/10** License #: **21428**

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*[Signature]*  
 Date: **4/22/10** MN/DOT



T.H. 610 DESIGN BUILD (SP 2771-38)

WIRING DIAGRAM  
 T.H. 610  
 DESIGN PACKAGE #37

SHEET  
 37LL11  
 OF  
 37LL15