








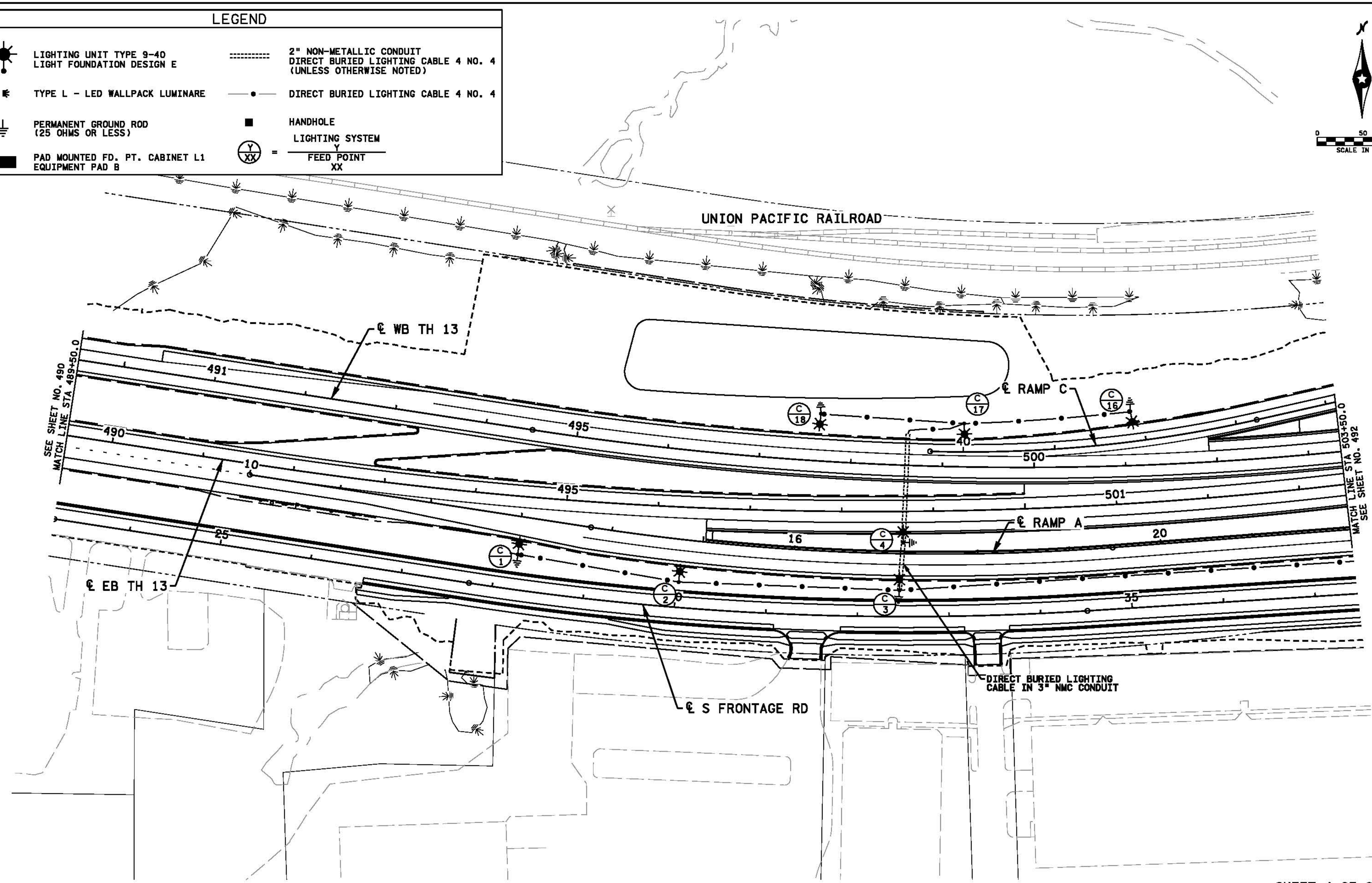
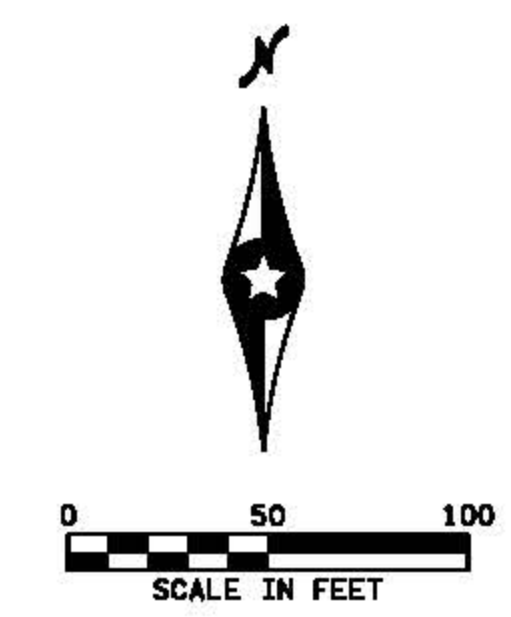


LEGEND

-  LIGHTING UNIT TYPE 9-40
LIGHT FOUNDATION DESIGN E
-  TYPE L - LED WALLPACK LUMINAIRE
-  PERMANENT GROUND ROD
(25 OHMS OR LESS)
-  PAD MOUNTED FD. PT. CABINET L1
EQUIPMENT PAD B
-  2" NON-METALLIC CONDUIT
DIRECT BURIED LIGHTING CABLE 4 NO. 4
(UNLESS OTHERWISE NOTED)
-  DIRECT BURIED LIGHTING CABLE 4 NO. 4
-  HANDHOLE
-  LIGHTING SYSTEM
-  FEED POINT
XX



SHEET 4 OF 8 SHEETS

31.594122 PM 12/16/2021 P:\proj\11432\03_Docs\plan\11432.dgn

NO	DATE	BY	CKD	APPR	REVISION

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: ZACH A. PARSONS

Zach Parsons

Date: 11-12-2021 License #: 57761

STATE PROJECT NO.
7001-128
070-596-015
211-594-001

COUNTY PROJECT NO.

CITY PROJECT NO.

DRAWN BY
K. ELLIS

DESIGNED BY
Z. PARSONS

CHECKED BY
B. MEURER

COMM. NO. 11432












MINNESOTA DEPARTMENT OF TRANSPORTATION

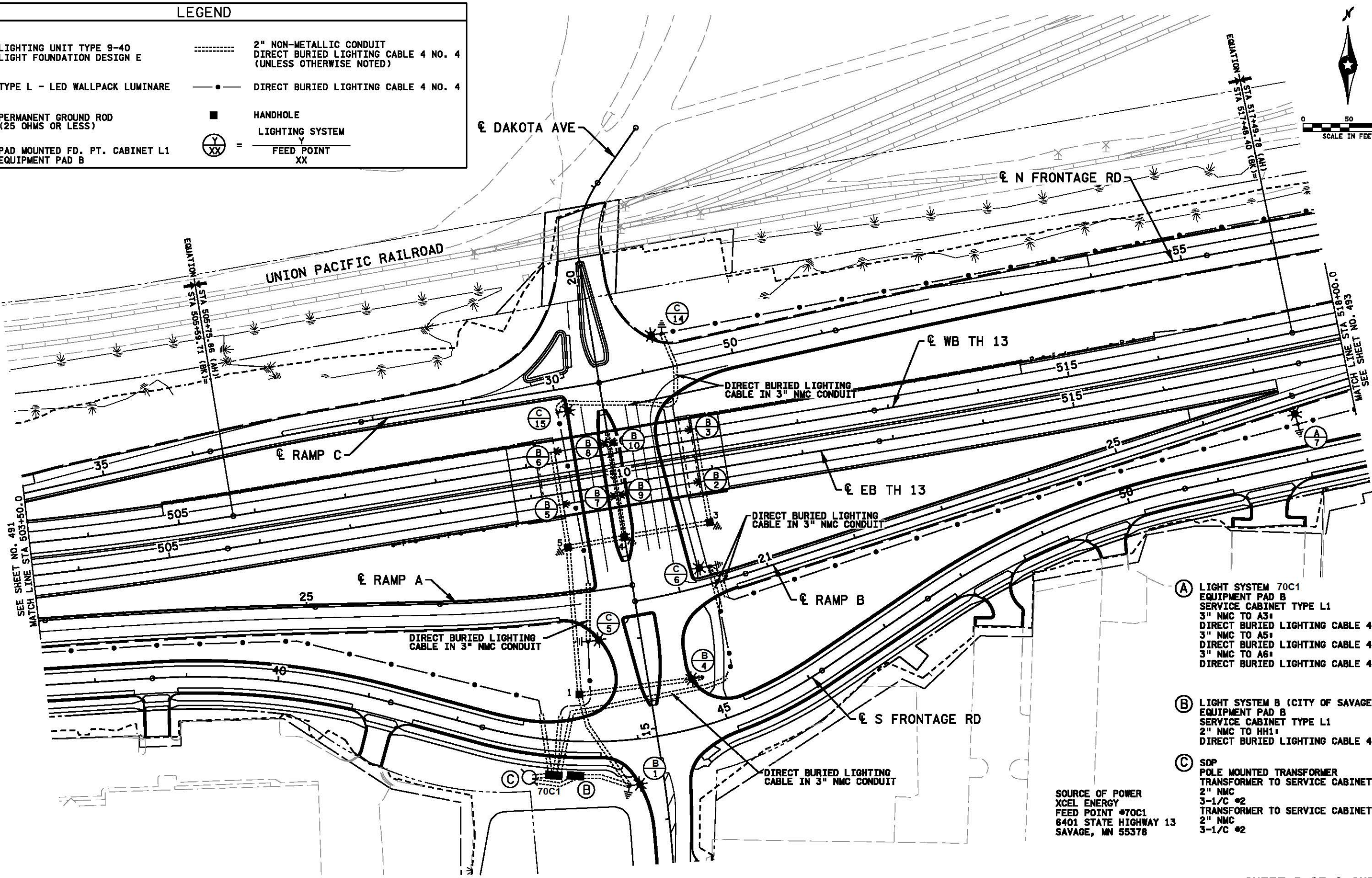
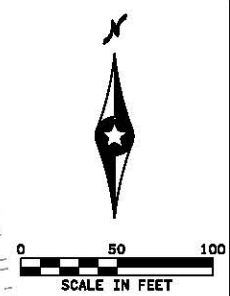
LIGHTING PLAN

TH 13 S.P. 7001-128

SHEET
491
OF
826

LEGEND

-  LIGHTING UNIT TYPE 9-40
LIGHT FOUNDATION DESIGN E
-  TYPE L - LED WALLPACK LUMINARE
-  PERMANENT GROUND ROD
(25 OHMS OR LESS)
-  PAD MOUNTED FD. PT. CABINET L1
EQUIPMENT PAD B
-  2" NON-METALLIC CONDUIT
DIRECT BURIED LIGHTING CABLE 4 NO. 4
(UNLESS OTHERWISE NOTED)
-  DIRECT BURIED LIGHTING CABLE 4 NO. 4
-  HANDHOLE
-  LIGHTING SYSTEM
-  FEED POINT
XX



- (A) LIGHT SYSTEM 70C1
EQUIPMENT PAD B
SERVICE CABINET TYPE L1
3" NMC TO A3
DIRECT BURIED LIGHTING CABLE 4/C #4
3" NMC TO A5
DIRECT BURIED LIGHTING CABLE 4/C #4
3" NMC TO A6
DIRECT BURIED LIGHTING CABLE 4/C #4

- (B) LIGHT SYSTEM B (CITY OF SAVAGE)
EQUIPMENT PAD B
SERVICE CABINET TYPE L1
2" NMC TO HH1
DIRECT BURIED LIGHTING CABLE 4/C #4

- (C) SOP
POLE MOUNTED TRANSFORMER
TRANSFORMER TO SERVICE CABINET A:
2" NMC
3-1/C #2
TRANSFORMER TO SERVICE CABINET B:
2" NMC
3-1/C #2

SOURCE OF POWER
XCEL ENERGY
FEED POINT #70C1
6401 STATE HIGHWAY 13
SAVAGE, MN 55378

SHEET 5 OF 8 SHEETS

31.59422 PM 12/16/2021 P:\01\143203_03_Docs\01\143203_03.dwg [P] [M] [V] [C] [D] [E] [F] [G] [H] [I] [J] [K] [L] [M] [N] [O] [P] [Q] [R] [S] [T] [U] [V] [W] [X] [Y] [Z] [AA] [AB] [AC] [AD] [AE] [AF] [AG] [AH] [AI] [AJ] [AK] [AL] [AM] [AN] [AO] [AP] [AQ] [AR] [AS] [AT] [AU] [AV] [AW] [AX] [AY] [AZ] [BA] [BB] [BC] [BD] [BE] [BF] [BG] [BH] [BI] [BJ] [BK] [BL] [BM] [BN] [BO] [BP] [BQ] [BR] [BS] [BT] [BU] [BV] [BW] [BX] [BY] [BZ] [CA] [CB] [CC] [CD] [CE] [CF] [CG] [CH] [CI] [CJ] [CK] [CL] [CM] [CN] [CO] [CP] [CQ] [CR] [CS] [CT] [CU] [CV] [CW] [CX] [CY] [CZ] [DA] [DB] [DC] [DD] [DE] [DF] [DG] [DH] [DI] [DJ] [DK] [DL] [DM] [DN] [DO] [DP] [DQ] [DR] [DS] [DT] [DU] [DV] [DW] [DX] [DY] [DZ] [EA] [EB] [EC] [ED] [EE] [EF] [EG] [EH] [EI] [EJ] [EK] [EL] [EM] [EN] [EO] [EP] [EQ] [ER] [ES] [ET] [EU] [EV] [EW] [EX] [EY] [EZ] [FA] [FB] [FC] [FD] [FE] [FF] [FG] [FH] [FI] [FJ] [FK] [FL] [FM] [FN] [FO] [FP] [FQ] [FR] [FS] [FT] [FU] [FV] [FW] [FX] [FY] [FZ] [GA] [GB] [GC] [GD] [GE] [GF] [GG] [GH] [GI] [GJ] [GK] [GL] [GM] [GN] [GO] [GP] [GQ] [GR] [GS] [GT] [GU] [GV] [GW] [GX] [GY] [GZ] [HA] [HB] [HC] [HD] [HE] [HF] [HG] [HH] [HI] [HJ] [HK] [HL] [HM] [HN] [HO] [HP] [HQ] [HR] [HS] [HT] [HU] [HV] [HW] [HX] [HY] [HZ] [IA] [IB] [IC] [ID] [IE] [IF] [IG] [IH] [II] [IJ] [IK] [IL] [IM] [IN] [IO] [IP] [IQ] [IR] [IS] [IT] [IU] [IV] [IW] [IX] [IY] [IZ] [JA] [JB] [JC] [JD] [JE] [JF] [JG] [JH] [JI] [JJ] [JK] [JL] [JM] [JN] [JO] [JP] [JQ] [JR] [JS] [JT] [JU] [JV] [JW] [JX] [JY] [JZ] [KA] [KB] [KC] [KD] [KE] [KF] [KG] [KH] [KI] [KJ] [KK] [KL] [KM] [KN] [KO] [KP] [KQ] [KR] [KS] [KT] [KU] [KV] [KW] [KX] [KY] [KZ] [LA] [LB] [LC] [LD] [LE] [LF] [LG] [LH] [LI] [LJ] [LK] [LL] [LM] [LN] [LO] [LP] [LQ] [LR] [LS] [LT] [LU] [LV] [LW] [LX] [LY] [LZ] [MA] [MB] [MC] [MD] [ME] [MF] [MG] [MH] [MI] [MJ] [MK] [ML] [MN] [MO] [MP] [MQ] [MR] [MS] [MT] [MU] [MV] [MW] [MX] [MY] [MZ] [NA] [NB] [NC] [ND] [NE] [NF] [NG] [NH] [NI] [NJ] [NK] [NL] [NM] [NO] [NP] [NQ] [NR] [NS] [NT] [NU] [NV] [NW] [NX] [NY] [NZ] [OA] [OB] [OC] [OD] [OE] [OF] [OG] [OH] [OI] [OJ] [OK] [OL] [OM] [ON] [OO] [OP] [OQ] [OR] [OS] [OT] [OU] [OV] [OW] [OX] [OY] [OZ] [PA] [PB] [PC] [PD] [PE] [PF] [PG] [PH] [PI] [PJ] [PK] [PL] [PM] [PN] [PO] [PP] [PQ] [PR] [PS] [PT] [PU] [PV] [PW] [PX] [PY] [PZ] [QA] [QB] [QC] [QD] [QE] [QF] [QG] [QH] [QI] [QJ] [QK] [QL] [QM] [QN] [QO] [QP] [QQ] [QR] [QS] [QT] [QU] [QV] [QW] [QX] [QY] [QZ] [RA] [RB] [RC] [RD] [RE] [RF] [RG] [RH] [RI] [RJ] [RK] [RL] [RM] [RN] [RO] [RP] [RQ] [RR] [RS] [RT] [RU] [RV] [RW] [RX] [RY] [RZ] [SA] [SB] [SC] [SD] [SE] [SF] [SG] [SH] [SI] [SJ] [SK] [SL] [SM] [SN] [SO] [SP] [SQ] [SR] [SS] [ST] [SU] [SV] [SW] [SX] [SY] [SZ] [TA] [TB] [TC] [TD] [TE] [TF] [TG] [TH] [TI] [TJ] [TK] [TL] [TM] [TN] [TO] [TP] [TQ] [TR] [TS] [TT] [TU] [TV] [TW] [TX] [TY] [TZ] [UA] [UB] [UC] [UD] [UE] [UF] [UG] [UH] [UI] [UJ] [UK] [UL] [UM] [UN] [UO] [UP] [UQ] [UR] [US] [UT] [UU] [UV] [UW] [UX] [UY] [UZ] [VA] [VB] [VC] [VD] [VE] [VF] [VG] [VH] [VI] [VJ] [VK] [VL] [VM] [VN] [VO] [VP] [VQ] [VR] [VS] [VT] [VU] [VV] [VW] [VX] [VY] [VZ] [WA] [WB] [WC] [WD] [WE] [WF] [WG] [WH] [WI] [WJ] [WK] [WL] [WM] [WN] [WO] [WP] [WQ] [WR] [WS] [WT] [WU] [WV] [WW] [WX] [WY] [WZ] [XA] [XB] [XC] [XD] [XE] [XF] [XG] [XH] [XI] [XJ] [XK] [XL] [XM] [XN] [XO] [XP] [XQ] [XR] [XS] [XT] [XU] [XV] [XW] [XX] [XY] [XZ] [YA] [YB] [YC] [YD] [YE] [YF] [YG] [YH] [YI] [YJ] [YK] [YL] [YM] [YN] [YO] [YP] [YQ] [YR] [YS] [YT] [YU] [YV] [YW] [YX] [YY] [YZ] [ZA] [ZB] [ZC] [ZD] [ZE] [ZF] [ZG] [ZH] [ZI] [ZJ] [ZK] [ZL] [ZM] [ZN] [ZO] [ZP] [ZQ] [ZR] [ZS] [ZT] [ZU] [ZV] [ZW] [ZX] [ZY] [ZZ]

NO	DATE	BY	CHKD	APPR	REVISION

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: ZACH A. PARSONS
Zach Parsons
 Date: 11-12-2021 License #: 57761










STATE PROJECT NO. 7001-128
 070-596-015
 211-594-001
 COUNTY PROJECT NO.
 CITY PROJECT NO.
 DRAWN BY K. ELLIS
 DESIGNED BY Z. PARSONS
 CHECKED BY B. MEURER
 COMM. NO. 11432

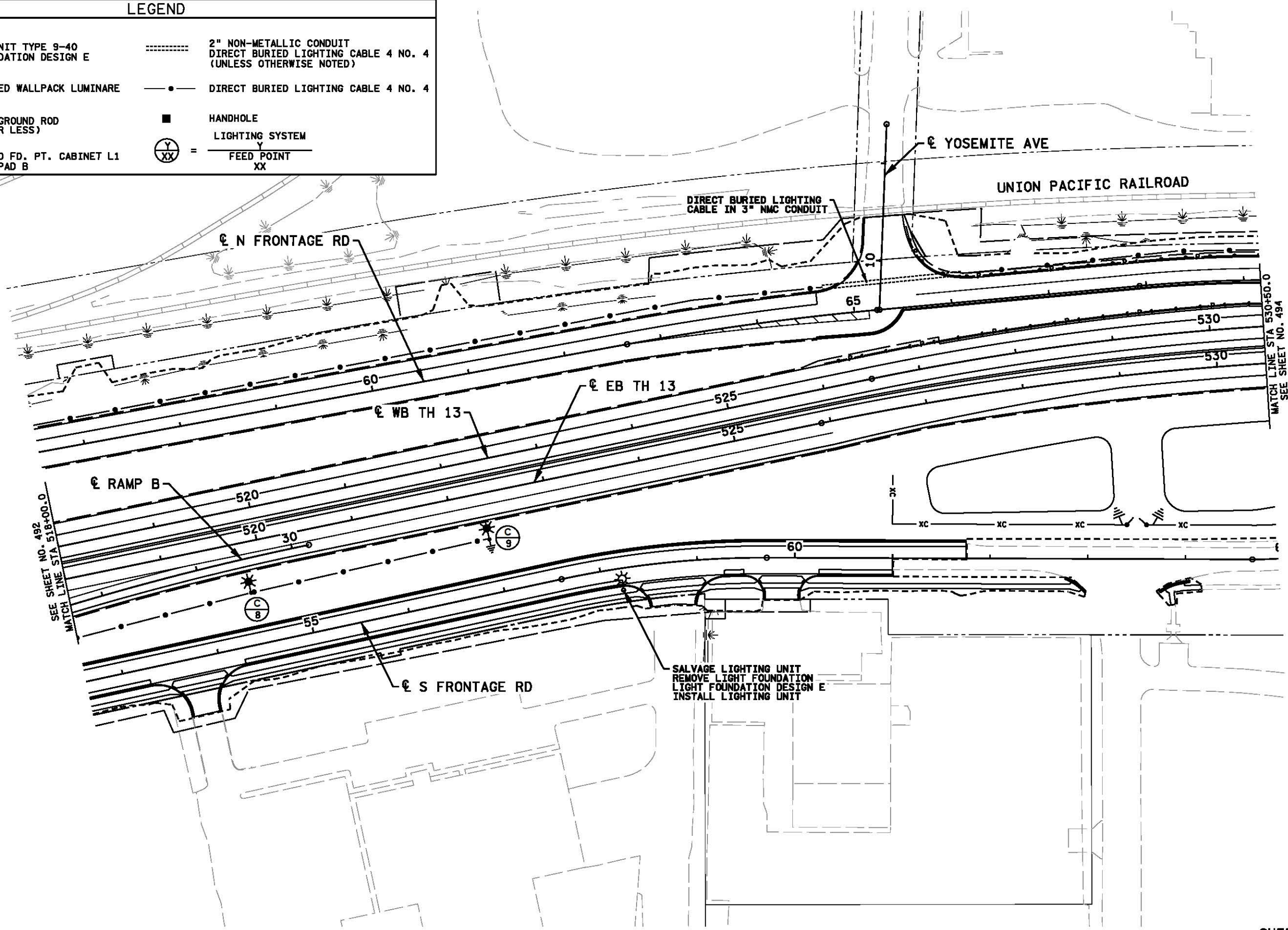
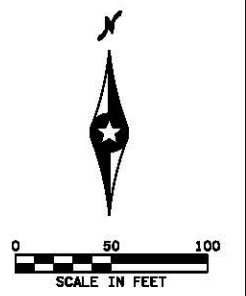


MINNESOTA DEPARTMENT OF TRANSPORTATION
 LIGHTING PLAN
 TH 13 S.P. 7001-128

SHEET 492 OF 826

LEGEND

-  LIGHTING UNIT TYPE 9-40
LIGHT FOUNDATION DESIGN E
-  TYPE L - LED WALLPACK LUMINARE
-  PERMANENT GROUND ROD
(25 OHMS OR LESS)
-  PAD MOUNTED FD. PT. CABINET L1
EQUIPMENT PAD B
-  2" NON-METALLIC CONDUIT
DIRECT BURIED LIGHTING CABLE 4 NO. 4
(UNLESS OTHERWISE NOTED)
-  DIRECT BURIED LIGHTING CABLE 4 NO. 4
-  HANDHOLE
-  LIGHTING SYSTEM
-  FEED POINT
XX



SEE SHEET NO. 492
MATCH LINE STA 518+00.0

MATCH LINE STA 530+50.0
SEE SHEET NO. 494

31.594.02 PM 12/16/2021 P:\Projects\11432\03_Docs\GPV\GPV\Incl\Plan\od7001128_1104.dgn

NO	DATE	BY	CKD	APPR	REVISION
od7001128_1104.dgn					

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Zach Parsons
 Date: 11-12-2021 License # 57761

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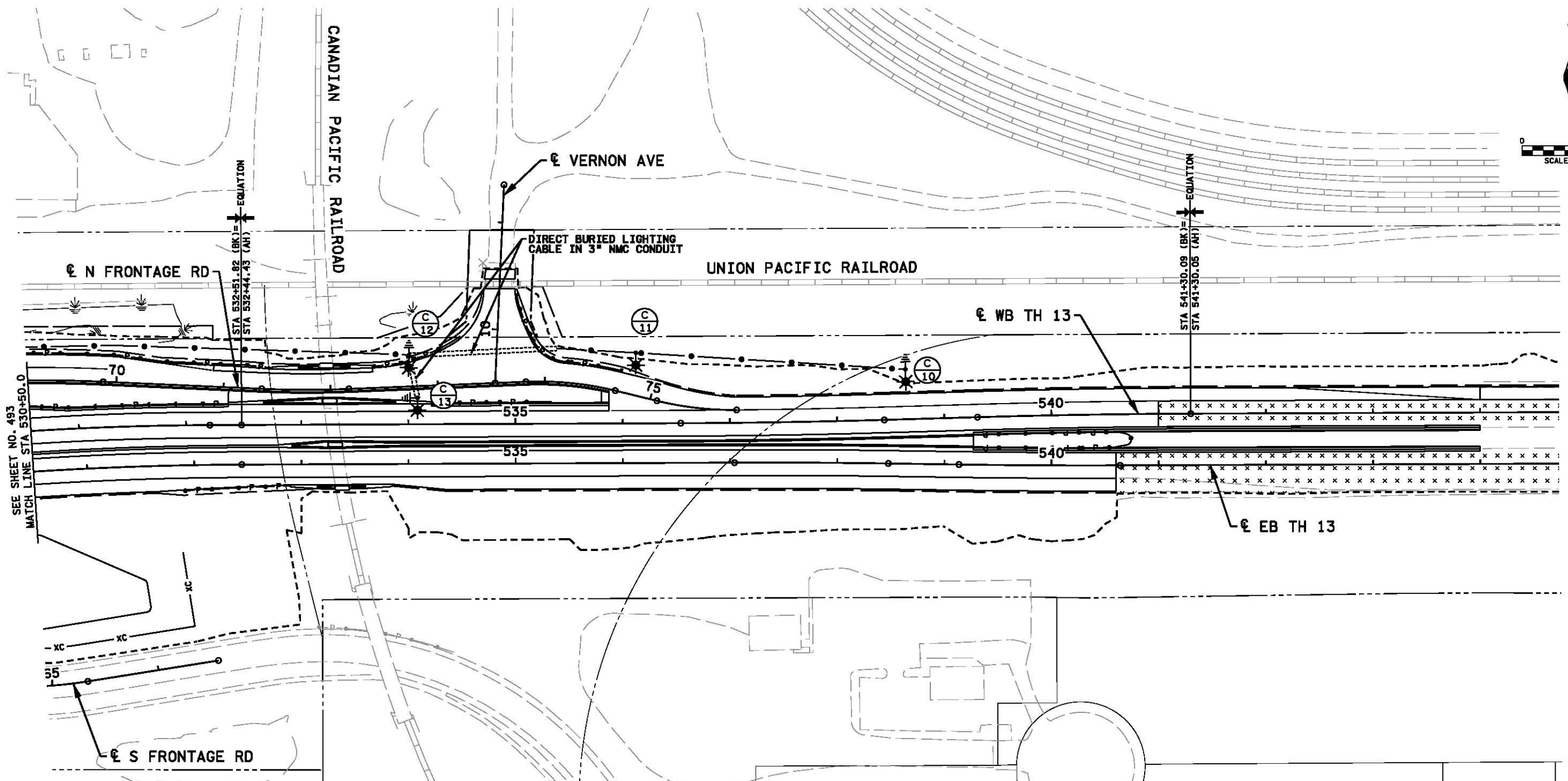
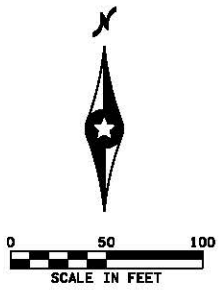


MINNESOTA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN

TH 13 S.P. 7001-128

SHEET
493
OF
826



LEGEND	
	LIGHTING UNIT TYPE 9-40 LIGHT FOUNDATION DESIGN E
	TYPE L - LED WALLPACK LUMINARE
	PERMANENT GROUND ROD (25 OHMS OR LESS)
	PAD MOUNTED FD. PT. CABINET L1 EQUIPMENT PAD B
	2" NON-METALLIC CONDUIT DIRECT BURIED LIGHTING CABLE 4 NO. 4 (UNLESS OTHERWISE NOTED)
	DIRECT BURIED LIGHTING CABLE 4 NO. 4
	HANDHOLE
	LIGHTING SYSTEM
	FEED POINT XX

SHEET 7 OF 8 SHEETS

31.41.02 AM 11/12/2021 11:43:03 Des (P) (M) (V) (N) (C) (A) (S) (D) (E) (R) (T) (I) (O) (N) (E) (S) (I) (L) (I) (S) (T) (I) (O) (S) (D) (G) (N)

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Zach Parsons
 Date: 11-12-2021 License # 57761

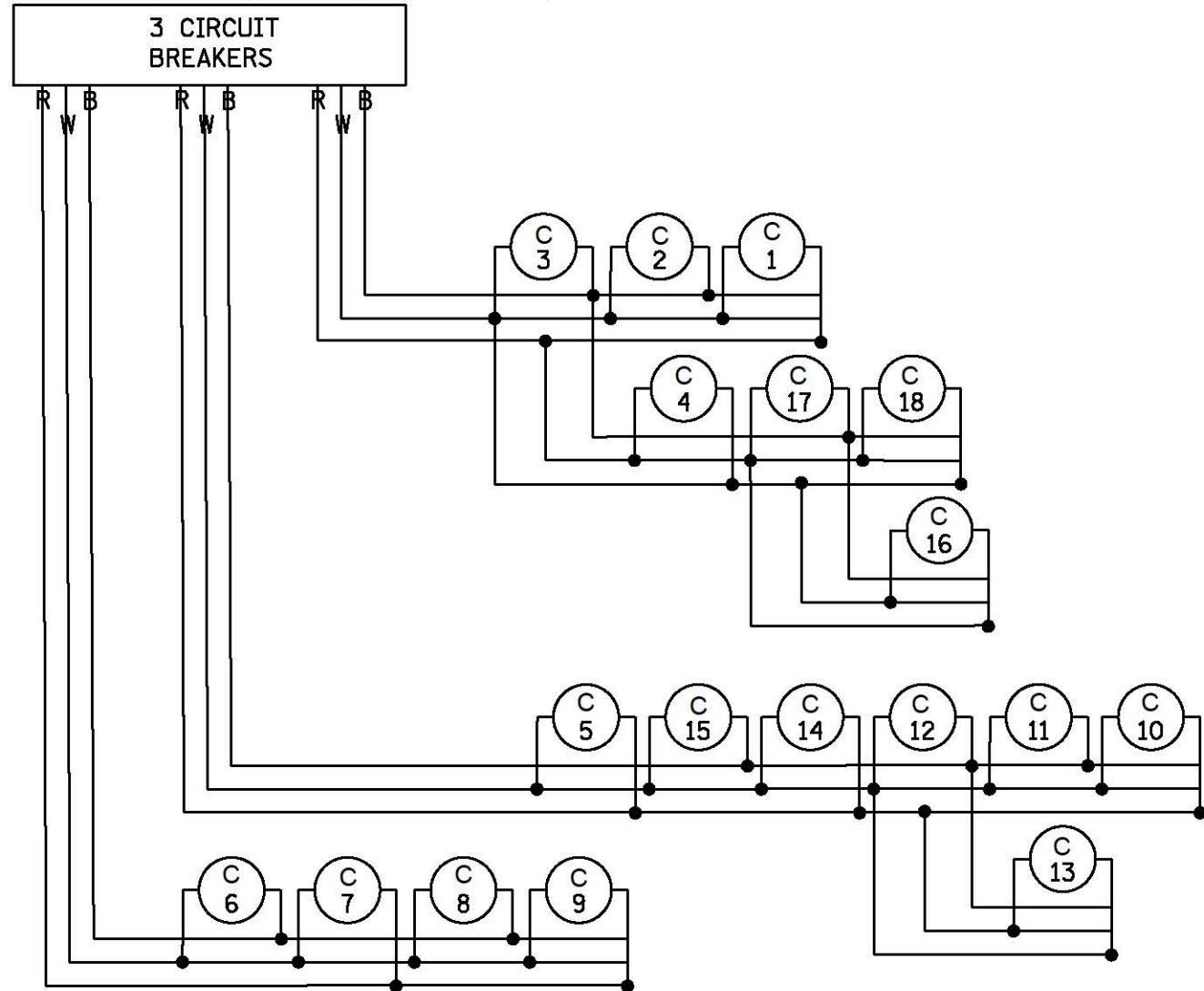
STATE PROJECT NO.
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070-596-015
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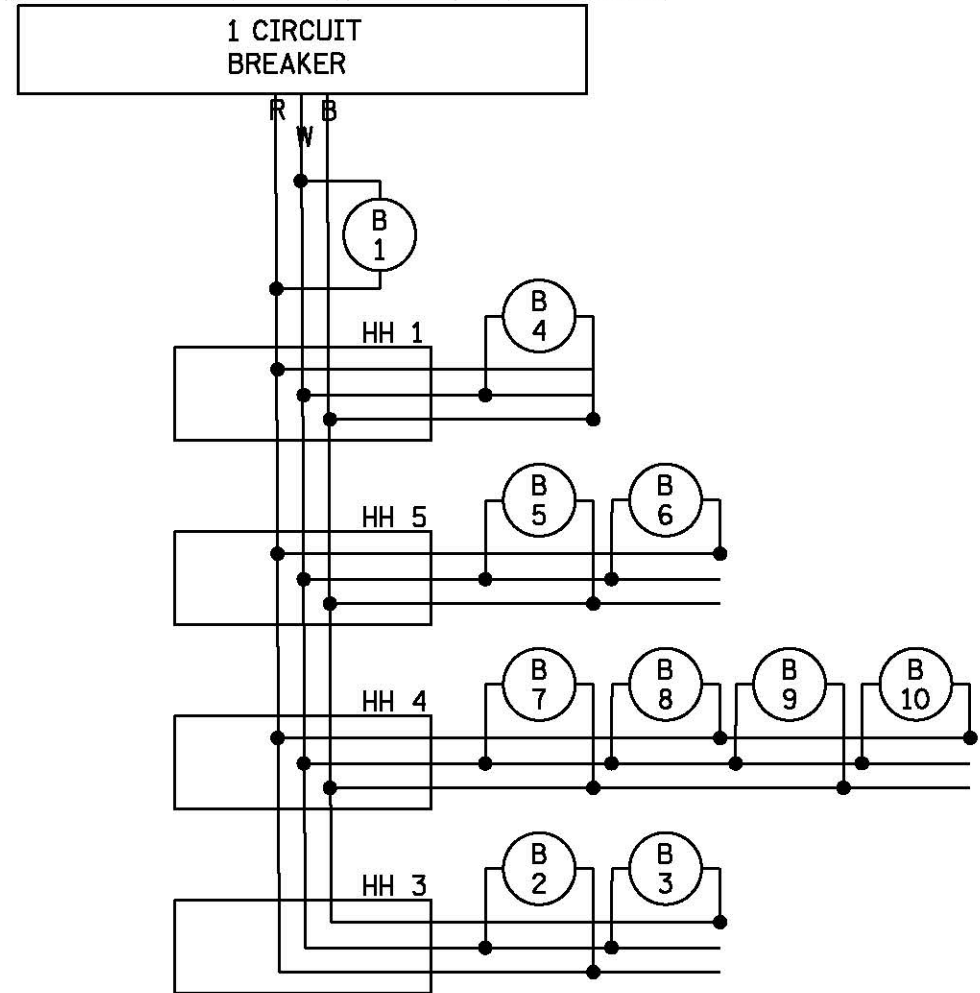
MINNESOTA DEPARTMENT OF TRANSPORTATION
 LIGHTING PLAN
 TH 13 S.P. 7001-128

SHEET
494
OF
826

FD. PT. 70C1
PAD MOUNTED SERVICE CABINET (120/240 VOLT)



FD. PT. B
PAD MOUNTED SERVICE CABINET (120/240 VOLT)



21:26:52 AM
11/12/2021
C:\Users\zparsons\OneDrive\Documents\Projects\7001-128\7001128_wd.dgn

NO	DATE	BY	CHKD	APPR	REVISION

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LIGHTING PLAN
TH 13 S.P. 7001-128

SHEET
495
OF
826