

**LIGHTING NOTES:**  
 1. MAXIMUM OF 270° IN TOTAL BENDS PERMITTED IN SINGLE RUN OF CONDUIT.

2. LIGHTS SHALL BE FUSED AT BASE WITH Y-TYPE FUSE KIT, WITH FLOOD-SEAL HOUSING, FUSE CLIPS, HARDWARE, SILICONE LUBRICANT SUITABLE FOR USE AS STREET AND HIGHWAY.

3. CIRCUIT CONDUCTORS INCLUDING NEUTRAL CONDUCTOR SHALL BE CLEARLY IDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY POLE BASE AND HANDHOLE.

4. UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR WITH INSULATING COVER FOR TAPS AT POLE BASE.

5. EXPOSED PVC SHALL BE SCHEDULE 80.

6. ALL CONNECTIONS IN HANDHOLES SHALL BE MADE WITH INSULATED WATERPROOF MECHANICAL SCREW-TYPE CONNECTOR SUITABLE FOR DIRECT BURIAL. NO BARE OR COMPRESSION TYPE CONNECTORS MAY BE USED.

7. HAND HOLE TO BE PAID UNDER ITEM 678.26 JUNCTION BOX.

8. CONTRACTOR SHALL COMPLETE AND SUBMIT "ESTIMATE REQUEST FORM" AND "APPLICATION FOR SERVICE" FORM TO ELECTRIC UTILITY. THE CONTRACTOR SHALL PAY ALL FEES AND CHARGES REQUIRED BY THE TOWN TO COMPLETE THE ESTIMATE AND INSTALL THE NEW SERVICE. THE COST FOR THIS WORK WILL BE PAID UNDER ITEM 679.55 POWER DROP STANCHION, STREET LIGHTING.

**GENERAL NOTES:**

1. THE SCOPE OF WORK IS TO PROVIDE ALL LABOR, MATERIALS, SERVICES, SUPPLIES, TOOLS, EQUIPMENT, TRANSPORTATION, AND FACILITIES NECESSARY TO FURNISH AND INSTALL COMPLETE ELECTRICAL WORK AS CALLED FOR ON THE DRAWINGS, SPECIFIED, OR AS MAY REASONABLY BE IMPLIED AS BEING INCIDENTAL TO THIS WORK.

2. THE CONTRACTOR SHALL SECURE AND PAY COSTS OF PERMITS, CERTIFICATES, LICENSES, INSPECTIONS, AND APPROVALS AND ALL COSTS REQUIRED BY THE UTILITY.

3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF WORK. BASIC DESIGN CONCEPTS INDICATED ARE TO BE EITHER FOLLOWED OR BETTERED. WORK IS INTENDED TO INCLUDE ITEMS NECESSARY FOR PROPER OPERATION AND COMPLETION. FIELD VERIFY ALL LOCATIONS, ELEVATIONS, AND DIMENSIONS.

4. EXECUTE ALL WORK IN A NEAT AND WORKMANLIKE MANNER IN CONFORMANCE WITH BEST MODERN TRADE PRACTICE, BY COMPETENT, EXPERIENCED MECHANICS, PRESENTING A NEAT APPEARANCE WHEN COMPLETED. REPLACE WORK NOT APPROVED BY OWNER WITHOUT ADDITIONAL CHARGE.

5. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, AND ALL CODES, REGULATIONS AND REQUIREMENTS OF ALL MUNICIPAL, STATE, FEDERAL AND OTHER PUBLIC OR PRIVATE AUTHORITIES WHICH HAVE JURISDICTION. IN EACH CASE, CODES ARE MINIMUM REQUIREMENTS.

6. FABRICATION DRAWINGS: SUBMIT COMPLETE CATALOG INFORMATION FOR ALL MATERIALS AND EQUIPMENT TO BE PURCHASED AND USED ON THIS PROJECT, AS SPECIFIED BY THE DRAWINGS. DO NOT INSTALL MATERIALS OR EQUIPMENT WITHOUT APPROVAL BY THE OWNER. UNAPPROVED MATERIAL ALREADY INSTALLED SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT WITH APPROVED MATERIALS AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT APPROVED SUBSTITUTE ITEMS WILL FIT INTO AVAILABLE SPACES AND FOR ANY EXTRA CHARGES BY OTHER TRADES.

7. AS THERE MAY BE VARIOUS CONDITIONS AT THE SITE WHICH DO NOT SHOW ON THE ACCOMPANYING DRAWINGS, OR WHICH ARE AT VARIANCE WITH THE CONDITIONS INDICATED ON THE DRAWINGS, IT IS IMPORTANT THAT EACH BIDDER VISIT THE SITE AND TO EXAMINE EXISTING CONDITIONS AND TAKE THESE CONDITIONS INTO CONSIDERATION WHEN PREPARING THEIR BID. EACH BIDDER SHALL OBTAIN INFORMATION OR MAKE ANY MEASUREMENT DESIRED. LACK OF KNOWLEDGE RELATIVE TO EXISTING SITE CONDITIONS WILL NOT BE ALLOWED AS A BASIS FOR EXTRA COMPENSATION.

8. THE FINISHED INSTALLATION SHALL BE COMPLETE IN EVERY RESPECT AND DETAIL, TESTED AND LEFT READY IN PERFECT OPERATING CONDITION FOR THE OWNER'S USE.

9. MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS' LABORATORIES AND SHALL BE INSTALLED IN ACCORDANCE WITH SUCH LISTINGS.

STREET LIGHTING LEGEND	
○→	SITE LIGHT (ARROW INDICATES DIRECTION OF DISTRIBUTION)
----	WIRED CONDUIT (PVC)
□	HAND HOLE / JUNCTION BOX
=====	ELECTRICAL CONDUIT SLEEVE

KEY	CONDUIT SIZE, TYPE	CONDUCTORS	
		FOR FIXTURES	FOR GROUND
A	2", PVC	3#6	1#6
B	2", PVC	2#6	1#6
C	3", PVC	3#3	1#6

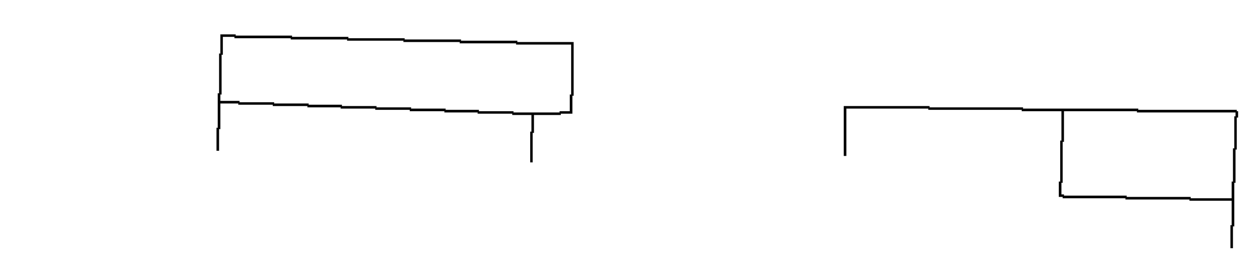
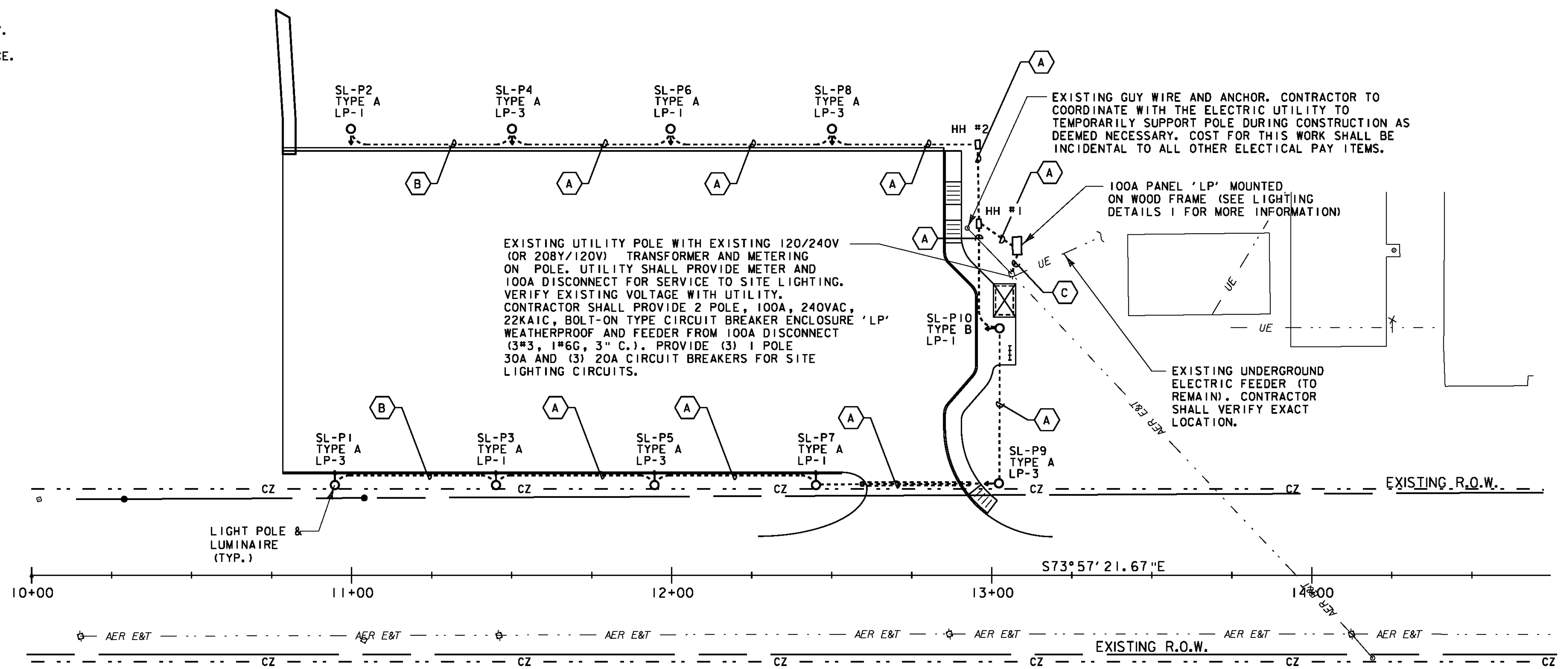
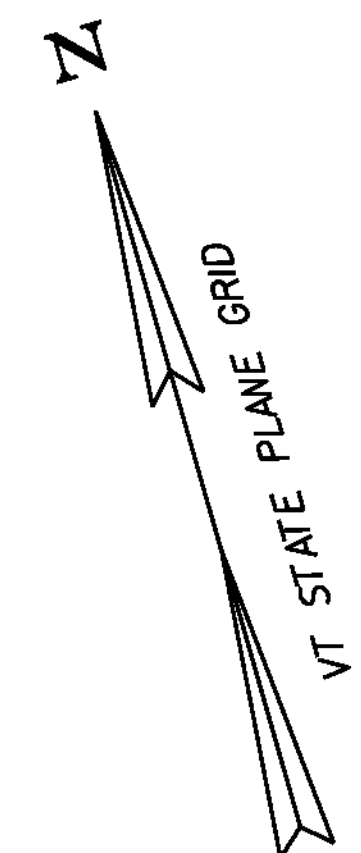
679.45 - LIGHT POLE,  
 679.21 - LIGHT POLE BASE  
 679.50 - LUMINAIRE  
 STA. 10+95, 28' LT.  
 STA. 11+00, 139' LT.  
 STA. 11+45, 28' LT.  
 STA. 11+50, 139' LT.  
 STA. 11+95, 28' LT.  
 STA. 12+00, 139' LT.  
 STA. 12+45, 28' LT.  
 STA. 12+50, 139' LT.  
 STA. 13+02, 28' LT.  
 STA. 13+02, 77' LT.

678.30 - ELECTRICAL CONDUIT SLEEVE (4 INCH) (PVC) (SCH 80)  
 STA. 12+57, LT. TO 12+94, LT.

678.23 - WIRED CONDUIT (2 INCH) (PVC)  
 STA. 10+96, LT. TO 13+10, LT.  
 STA. 13+00, LT. TO 13+06, LT.

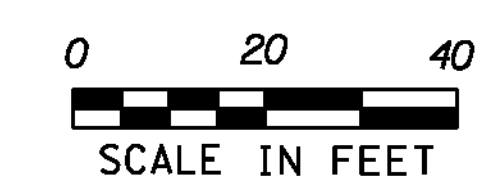
678.23 - WIRED CONDUIT (3 INCH) (PVC)  
 STA. 13+06, LT. TO 13+08, LT.

678.26 - JUNCTION BOX  
 HH#1 STA. 12+96, 110' LT.  
 HH#2 STA. 12+95, 138' LT.



10. INSTALLATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.  
 11. SEE UTILITIES SPECIAL PROVISION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (1996) VT SPC (FEET)



PROJECT NAME:	ENOSBURG
PROJECT NUMBER:	CMG PARK(20)
FILE NAME: ... \PlotFiles\21lighting\pl	PLOT DATE: 5/23/2011
PROJECT LEADER: WLD	DRAWN BY: STANTEC
DESIGNED BY: CSP/GGG	CHECKED BY: GAS
<b>LIGHTING PLAN</b>	SHEET 21 OF 32