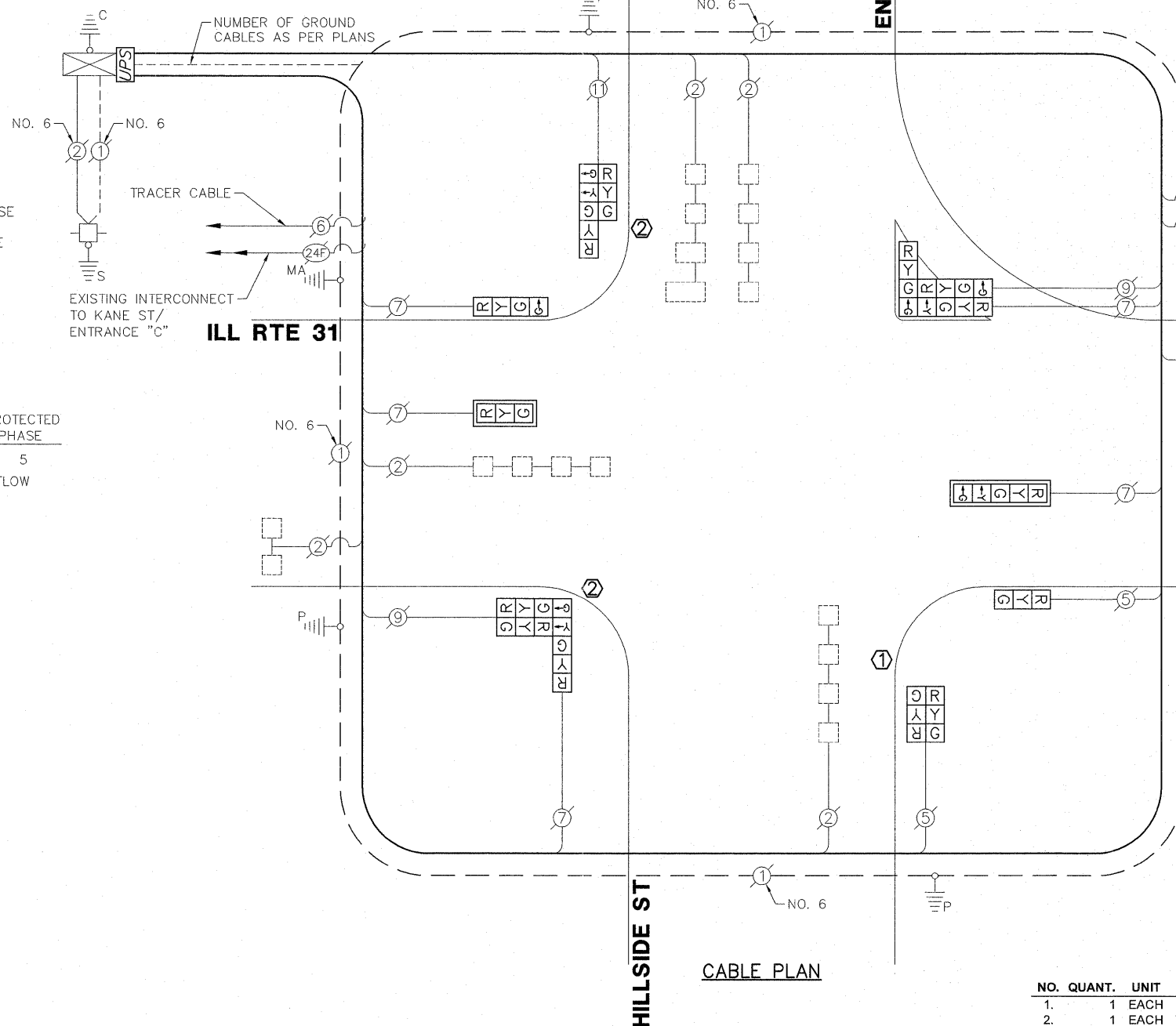


LEGEND:
 * SINGLE ENTRY PHASE
 * DUAL ENTRY PHASE
 * PEDESTRIAN PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE OVERLAP

PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5
C	=	CONTINUOUS FLOW



- CONSTRUCTION NOTES:**
- ① REPLACE EXISTING 14 FOOT PAINTED POST. REUSE EXISTING TYPE A CONCRETE FOUNDATION AND EXISTING CABLES.
 - ② REPLACE EXISTING 16 FOOT PAINTED POST. REUSE EXISTING TYPE A CONCRETE FOUNDATION AND EXISTING CABLES.

- THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.
- 3 EACH TRAFFIC SIGNAL POST
 - 8 EACH SIGNAL HEAD, 3-SECTION
 - 2 EACH SIGNAL HEAD, 4-SECTION
 - 4 EACH SIGNAL HEAD, 5-SECTION
 - 2 EACH TRAFFIC SIGNAL BACKPLATES

SCHEDULE OF QUANTITIES
ILL RTE 31 AT HILLSIDE STREET / ENTRANCE D

NO.	QUANT.	UNIT
1.	1	EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	1	EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
3.	2	EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
4.	1	EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
5.	1	EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
6.	1	EACH SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED
7.	1	EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
8.	1	EACH SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
9.	1	EACH SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
10.	1	EACH SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION, 1-4 SECTION, 1-5 SECTION BRACKET MOUNTED
11.	1	EACH SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED
12.	2	EACH TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
13.	1	EACH MODIFY EXISTING CONTROLLER CABINET
14.	1	EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
15.	1	EACH UNINTERRUPTABLE POWER SUPPLY, SPECIAL

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO. LAMPS	WATTAGE INCAND. L.E.D.	% OPERATION		
SIGNAL (RED)	14	135	17	0.50	119.0
SIGNAL (YELLOW)	14	135	25	0.25	87.5
SIGNAL (GREEN)	16	135	15	0.25	60.0
ARROW	8	135	12	0.10	9.5
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					401.1

ENERGY COSTS - BILLED TO: VILLAGE OF WEST DUNDEE
 (ADDRESS) 102 SOUTH SECOND STREET
 (ADDRESS) WEST DUNDEE, IL 60118
 ENERGY SUPPLY - CONTACT: _____
 PHONE: _____
 COMPANY: _____